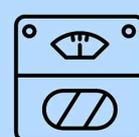
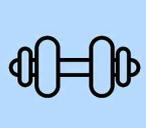
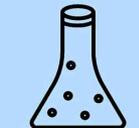
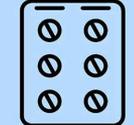
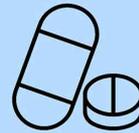


2020 ANNUAL REPORT

인제대학교 해운대백병원



2020 ANNUAL REPORT 인제대학교 해운대백병원

CONTENTS

연혁 및 현황

1. 연혁
2. 기구조직도
3. 직원 현황
4. 임상 각과 전임교원 명단
5. 각종 위원회 명단
6. 지원부서 부서장 명단
7. 과별 의사 배치 현황
8. 간호사 배치 현황

각종 진료 통계

1. 연도별 환자통계
2. 외래환자 월별 통계
3. 퇴원환자 월별 통계
4. 외래, 퇴원환자 종류별 통계
5. 수술환자 과별 통계
6. 마취 통계
7. 응급의료센터 환자 통계
8. 사망 통계
9. 분만통계
10. 신생아통계
11. 과별 전과 환자수 통계
12. 과별 협의 진단수 통계
13. 사회사업과 통계
14. 각종 기능검사 통계
16. 지역별 환자 통계
17. 종합건강증진센터 통계 (건강관리과/종합검진센터)

진료 지원부서 통계

1. 영상의학과 통계 (일반촬영/특수촬영/유방촬영/혈관검사/골밀도/CT/MRI/초음파)
건강증진센터/ 신체검사)
2. 진단검사의학과 월별 및 종별 통계
3. 혈액은행 월별 통계
4. 병리과 검사 통계 (조직병리/세포병리/세부적 분류/분자병리)
5. 방사선종양학과 통계
6. 핵의학과 통계
7. 약제부 통계
8. 환자 급식 식이별 통계
9. 물리치료 통계

전공의 수련현황 및 연구실적

1. 인턴 현황
2. 레지던트 현황
3. 각 교실별 논문 및 학술연제 발표

<참고> 과별 영문표기 일람표



▶ 2020년 연혁 및 현황

1. 해운대백병원 연혁

2020. 01. 해운대백병원 개원 10주년 기념 슬로건 및 엠블럼 제작 및 배포
- 01.08 외래 채혈실 확장 및 리모델링
- 01.28 벨기에 비자검진 지정병원으로 선정
- 03.02 코로나19 국민안심병원 운영(03.02~05.30)
- 03.11 해운대백병원 원장 이·취임식(해운대백병원 제4대 원장 최영균 교수 취임(3.1일자))
- 03.18 회진시간 알림문자 서비스 시행
- 03.25 해운대백병원 제2회 학술상 시상
- 04.08 코로나19 중증응급진료센터 지정
- 04.13 코로나19 워킹스루 검체 채취 방식 도입
- 04.24 치매 국가책임제 이행에 기여 부산시장 표창
- 05.12 스마트 환자안전관리 시스템 구축
- 05.28 만성폐쇄성폐질환(COPD)(5차) 적정성 평가 1등급
- 06.04 마취(1차) 적정성 평가 1등급
- 06.10 개원10주년 장기근속 및 모범직원 표창
- 06.11 대장암(7차), 폐암(5차) 적정성 평가 1등급
- 06.15 부산의료관광 선도의료기관 지정
- 06.19 로봇수술기 다빈치 Xi 교체
- 06.25 급성기 뇌졸중(8차) 적정성 평가 1등급
- 07.08 안과, 월 수술 300건 달성 축하
- 07.18 제7회 해운대백병원 영상의학과 심포지엄 개최
- 07.21 혈액투석(6차) 적정성 평가 1등급
- 08.06 해운대백병원, 국내 최초 순수 복강경을 이용한 근치적 방광적출술 및 총체내 신방광조성술 성공
- 08.25 관상동맥우회술(6차) 적정성 평가 1등급
- 09.18 이병인 교수 퇴임기념 신경과 심포지엄 개최
- 09 해운대백병원 영상의학과, 자동유방초음파 진단기(ABUS 2.0) 도입
- 09.22 3주기 의료기관 인증조사(09.22~25)
- 10.05 개원10주년 기념 교직원 사진공모전 개최
- 10.08 해운대백병원 장례식장 오픈 기념식
- 10.24 마취통증의학교실 개국 10주년 기념 심포지엄
- 11.01 제3회 해운대백병원 내과 연수강좌
- 11.16 키오스크 문진시스템 도입
- 12.09 3주기 보건복지부 의료기관평가 인증 획득(2020.07.01~2024.06.30)
- 12.10 해운대백병원, 국내 최초 TRICARE 유전자 검사 가능기관으로 선정
- 12.17 해운대백병원, 의료영상 품질관리 모범수련병원 인증 획득
- 12.23 2020년 응급의료기관 평가 'A등급'



2. 기구조직도

인제대학교 해운대백병원 기구조직도



3. 직원 현황

2021년 2월 1일 현재 (단위: 명)

구분	직명	인원					
의사직	전문의	214	기술직 및 용역직	안전 관리자	도시가스안전관리자	(1)	
	레지던트	81			고압가스안전관리자	(1)	
	인턴	22			냉동제조시설안전관리자(관리원 포함)	(3)	
	일반의	1		방화 관리자	소방안전관리자(보조자 포함)	(8)	
	치과의사	3			위험물안전관리자	(1)	
	한 의사			에너지 관리자	기계설비유지관리자	(2)	
간호사	1130	전기안전관리자(관리원 포함)			(3)		
간호직	14(187)	에너지안전관리자			1		
약무직	보조원	1		의공	의료기기안전관리자	1	
	행정보조	36			기타	건축물관리자(수도시설)	1
약무직	약사	(10)		승강기안전관리자		(2)	
	약무보조	97		실내공기질관리자		1	
의료기사	임상병리사	(4)		전화		환경기술인(대기배출시설)	1
	임상병리사보조	77				환경기술인(폐수처리시설)	1
	방사선사	(10)				산업안전관리자	2
	방사선보조	22(1)			보일러안전관리자	(1)	
	물리치료사	1			전산	전화교환원	(12)
	물리치료사보조	6				전산처리사	14
	작업치료사		용역직	정보처리사보조			
	작업치료사 보조	1		운전기사	(2)		
	치과기공사			경비	(24)		
	치과기공사보조	11		조리원및배선원	(54)		
	치과위생사			안내	(5)		
	치과위생사보조	12		재봉사			
	의무기록사	(2)		미화원(청소)	(94)		
	의무기록사보조	7		세탁원			
응급구조사	14	주차					
행정관리	사무직원	91(47)		기타	2(19)		
사서직	사서	1		계	1877(503)		
	사회복지사	3		전년도 계	1666(470)		
보건직	영양사	5(7)					
	조리사	3(3)					

※치과 인턴은 인턴란에

4. 임상 각과 전임교원 명단

2021년 2월 현재

부서명	직위	성명	전문진료분야	비고
내과 (소화기)	교수	김태오	대장질환, 위장관질환, 치료내시경, 염증성장질환	
	교수(내)	박종하	소화기, 위장관질환, 치료내시경, 염증성장질환	
	교수	박승하	간질환, 소화기질환	
	부교수	허내윤	간질환, 소화기질환	
	조교수	최준혁	소화기, 간담도 및 췌장	
	조교수	박용은	소화기질환, 위장관질환	
	조교수	이진	일반 위장관질환	
	조교수	오은혜	소화기질환, 위장관질환	
	진료교수	김은주	간질환	
	진료교수	정수진	소화기질환, 위장관질환	
	진료교수	황준성	담도 및 췌장, 십이지장질환	
	임상강사	이동건	소화기질환	
	임상강사	이효재	소화기질환	
	임상강사	한국인	소화기질환	
	임상강사	구예영	소화기질환	
임상강사	이진호	소화기질환		
임상강사	곽재훈	소화기질환		
내과 (심장)	교수	김두일	협심증(흉통), 심근경색증, 고혈압, 심부전	
	교수	설상훈	협심증, 고혈압, 심부전, 심장판막질환	
	부교수	김기훈	부정맥(두근거림), 심부전, 협심증, 고혈압, 실신 및 돌연사	
	부교수	김동기	협심증, 심근경색증, 말초동맥질환, 대동맥질환, 고혈압	
	부교수	김승환	협심증, 심근경색증, 말초동맥질환, 대동맥질환, 고혈압	
	조교수	송여정	협심증, 심근경색증, 고혈압, 말초동맥질환	
임상강사	박진오	고혈압, 협심증, 심근경색, 심부전, 두근거림, 심장판막질환		
내과 (호흡기)	부교수	김현국	만성폐쇄성폐질환, 폐암, 결핵, 천식, 간질성폐질환	
	부교수	장항재	중환자집중치료, 폐고혈압, 폐색전증, 호흡부전	
	조교수	박진한	폐암, 만성폐쇄성폐질환, 천식, 결핵, 폐렴	
	조교수	이재하	간질성폐질환, 중환자집중치료, 만성폐쇄성질환	
	조교수	김효정	천식, 만성폐쇄성질환, 만성기침, 결핵, 비결핵성항산균질환, 폐렴	
임상강사	장지훈	폐렴, 폐결핵, 천식, 만성폐쇄성폐질환		
내과 (내분비)	교수	김미경	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
	교수	김태년	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
	진료교수	고정해	당뇨병, 골다공증, 갑상선질환, 부신질환, 내분비질환	
내과 (신장)	교수	김양욱	신장이식, 급만성신부전	
	부교수	박봉수	신장질환	
	조교수	박시형	신장질환	
	조교수	이유진	신장질환	
	임상강사	윤은재	신장질환	
임상강사	허창민	신장질환		
내과 (혈액종양)	부교수	임성남	백혈병, 림프종, 다발성골수종, 골수이형성증, 골수증식종양, 기타 혈액질환 및 조혈세포이식	
	부교수	강명주	대장암, 간체담관암, 위암, 유방암, 육종, 식도암	
	부교수	이성숙	위암, 폐암, 유방암, 식도암, 두경부암, 피부암	
내과 (혈액종양)	부교수	김일환	폐암, 대장암, 간체담관암, 비뇨기암, 두경부암, 부인과암	
	진료교수	박선양	백혈병, 다발성골수종, 골수이형성증, 골수증식종양, 기타 혈액	
	임상강사	이용준	림프종, 다발성골수종, 기타 혈액질환 및 조혈모 세포이식, 육종, 두경부종양, 비뇨기암, 부인과암	
내과(감염)	조교수	조경민	열병, 세균, 진균 및 바이러스 감염병, 성매개감염(HIV감염), 여행의학, 성인예방접종	
내과(알레르기)	부교수	박찬선	기관지천식, 만성기침, 알레르기비염, 급·만성 두드러기, 약물알레르기	
내과 (류마티스)	교수	김성호	류마티스(관절염, 골다공증, 루프스)	
	부교수	이성근	류마티스(관절염, 골다공증, 루프스)	
내과	전문의(계약직)	김태형	병동 및 MICU 전담	
	전문의(계약직)	왕성배	병동전담	
	전문의(계약직)	정희정	병동전담	
	전문의(계약직)	이영일	응급실전담	

부서명	직위	성명	전문진료분야	비고
소아 청소년과	교수	송민섭	소아심장질환, 가와사키병	
	교수	허윤정	소아신경질환	
	부교수	정미림	신생아질환	
	조교수	김예진	소아내분비질환, 소아신장질환	
	진료교수	이은주	소아 및 청소년 알레르기, 호흡기질환, 천식, 비염, 아토피피부염, 식품알레르기, 두드러기	
	전문의(계약직)	박철환	소아청소년과(응급실)	
	전문의(계약직)	박준석	소아청소년과(NICU)	
	전문의(계약직)	김효원	소아청소년과(NICU)	
	전문의(계약직)	고진희	소아청소년과(응급실)	
	전문의(계약직)	김종민	소아청소년과(응급실/병동)	
신경과	교수	김성은	뇌전증, 뇌졸중, 수면장애	
	부교수	신경진	근말초신경질환, 어지럼증, 치매	
	부교수	하삼열	뇌졸중, 두통, 어지럼증	
	부교수	박진세	파킨슨병, 운동질환, 치매	
	부교수	박강민	뇌전증, 수면장애, 두통, 어지럼증	
	조교수	김시은	치매, 기억장애, 두통	
	진료교수	박성호	뇌졸중, 두통, 어지럼증, 인터벤션클리닉	
	임상강사	이동아	뇌전증, 두통, 어지럼증, 수면장애	
정신 건강의학과	교수	이정구	양극성장애, 우울증, 불안장애, 화병	
	부교수	김경미	집중력장애, 발달장애, 불면증, 공황장애	
	부교수	이봉주	조현병, 불면증, 불안장애, 강박증	
	조교수	박선철	우울증, 불안장애, 노인정신질환	
피부과	조교수	정소영	아토피, 여드름, 건선, 습진, 알레르기피부염 피부외과 및 피부미용	
	진료교수	왕한영	아토피, 여드름, 건선, 무좀, 대상포진, 지루성피부염	
	진료교수	박인호	아토피, 여드름, 건선, 무좀, 대상포진, 지루성피부염	
외과	교수	김운원	유방외과, 외상	
	교수	박종권	혈관(하지동맥경화증, 복부대동맥류, 하지정맥류, 심부정맥, 혈전증, 당뇨병성혈관합병증, 신장이식)	
	교수	서병조	위암, 복강경, 로봇수술, 식도암, 비만·대사수술	
	교수	신진용	대장암, 직장암, 로봇수술, 복강경(단일공복강경)수술	
	부교수	박정익	간암, 간이식, 담도암, 췌장암, 담석, 복강경간절제, 복강경췌장절제	
	부교수	김기훈	탈장(서혜부, 배꼽), 소아복강경, 소아기형, 외상, 중환자외과, 급성복부질환, 성인탈장	
	부교수	이정선	유방외과	
	부교수	오성진	위암, 최소침습수술(복강경, 로봇수술, 최소절개수술), 식도암, 탈장	
	부교수	김진수	외상, 탈장(서혜부, 복벽, 배꼽), 급성복부질환, 연부조직종양, 신장이식	
	부교수	배동식	갑상선, 부갑상선, 부신, 로봇수술, 내시경수술	
	조교수	구도훈	갑상선암, 갑상선로봇수술, 부갑상선/부신종양	
	조교수	정보현	간암, 간이식, 담도암, 췌장암, 담도·췌장양성질환, 전이성간암	
	조교수	정원범	복강경수술, 대장암, 직장암, 소장질환, 항문질환, 장폐색	
	진료교수	정용규	간암, 간이식, 담낭암, 담도암, 담석, 복강경 담낭절제술	
	임상강사	신동우	대장항문 질환, 급성 복부질환, 연부 조직종양	
	계약직	신익범	외과(응급실, 병동, ICU)	
흉부외과	교수	황윤희	폐·식도외과, 흉부종양, 다한증, 흉벽기형, 흉강경 및 로봇수술, 심장혈관	
	부교수	강도균	폐·식도외과, 일반흉부	
	조교수	허운	대동맥 및 말초혈관질환, 성인심장, 관상동맥질환	
	진료교수	강민균	폐·식도외과, 일반흉부, 흉강경수술	
	진료교수	장우익	성인심장, 판막질환, 관상동맥질환, 대동맥질환	
정형외과	교수	김성수	경추·요추디스크, 척추관협착증, 경추·요추질환, 척추변형(측·후만증), 척추재수술, 척추종양,	
	교수	최병완	후종인대골화증, 사지마비, 최소상차 고난이도척추수술, 척추골절, 미세침습수술, 골다공증, 강직성척추염	
	부교수	김영복	견주관절(인공관절, 관절경, 외상)	
	부교수	공규민	고관절(관절경, 인공관절 및 재치환술), 외상	
	부교수	방진영	어깨, 팔꿈치관절, 오십견, 회전근개질환, 스포츠손상 및 외상, 관절경수술	
	부교수	문상원	무릎관절(관절경, 인공관절), 스포츠의학, 외상, 관절염, 골다공증	
	조교수	이상진	슬관절(인공관절, 관절경)	
	조교수	김대욱	발·발목질환 및 외상(관절경), 스포츠외상	
	조교수	박병규	소아정형	
	조교수	임재영	관절(인공관절, 관절경), 외상 및 골절	
	진료교수	장효석	수부, 손목/말초신경 및 미세수술	

부서명	직위	성명	전문진료분야	비고
신경외과	교수	진성철	뇌혈관(혈관내수술), 허혈성뇌질환	
	교수	이선일	뇌혈관, 뇌종양, 감마나이프	
	부교수	김해유	이상운동(파킨슨, 손떨림), 간질, 감마나이프	
	조교수	최병삼	경추·요추디스크(척추내시경수술), 척추협착증, 척추전위증, 후종인대골화증, 척추종양, 척추변형, 척추외상, 척추감염	
	조교수	이현곤	일반신경외과질환, 뇌혈관	
	임상강사	총배기	뇌혈관	
	계약직	신요섭	신경외과(응급실, 병동)	
성형외과	(내)부교수	윤성호	안면윤곽, 눈·코성형, 안면부외상, 유방성형, 흉터제거	
	조교수	이경아	안면부외상, 지방이식, 눈·코·유방·주름성형	
	진료교수	오재욱	안면부 미용성형 및 재건, 유방성형, 복부성형	
	진료교수	이근철	유방성형재건, 안면윤곽, 미용성형, 미세재건성형	
산부인과	교수	지용일	부인종양, 부인과내시경	
	부교수	전성욱	내분비, 불임, 폐경, 산과	
	부교수	조현진	산과, 태아정밀진단, 고위험임신	
	부교수	전균호	미혼여성, 불임, 부인과내시경, 자궁근종, 난소낭종, 자궁탈출증, 폐경	
	조교수	정철희	부인종양, 부인과내시경	
	조교수	이은현	부인종양, 부인과내시경, 부인암 분과전문의	
안과	교수	김현웅	유리체, 망막·포도막, 백내장	
	부교수	이수정	사시, 안성형	
	부교수	서민희	녹내장, 백내장	
	조교수	박강운	망막·포도막, 각막, 백내장	
안과	진료교수	방종욱	유리체, 망막, 포도막, 백내장	
	임상강사	임재완	유리체, 망막, 포도막, 백내장	
이비인후과	교수	백무진	중이염수술, 이명 및 난청, 어지러움증, 청력재활(보청기/인공와우이식수술), 유소아 귀질환수술, 자가면역성 내이질환	
	부교수	김용완	축농증, 비염, 수면무호흡, 코성형	
	부교수	김미라	갑상선종양, 두경부종양, 타액선질환, 음성질환, 음성클리닉	
	조교수	김상연	갑상선암, 두경부암(로봇수술재건), 음성질환	
	조교수	이근익	축농증, 비염, 비중격만곡증, 수면무호흡증, 코성형, 소아이비인후과, 편도/아데노이드비대수술	
	진료교수	이석환	내시경귀수술, 중이염, 난청 및 보청기, 돌발성 난청, 어지럼증(메니에르, 이석증, 전정신경염 등), 이명, 유소아귀질환, 전이개능공	
	임상강사	송지아	일반이비인후과, 소아이비인후과	
비뇨의학과	부교수	오철규	최소침습수술(복강경, 로봇), 비뇨기종양, 요로결석, 배뇨장애, 신장이식	
	부교수	박상현	비뇨기종양, 전립선, 로봇 및 복강경수술	
	부교수	정재승	로봇 및 복강경수술, 비뇨기종양학, 전립선, 요실금	
	조교수	박명찬	로봇수술, 비뇨기종양	
	조교수	김정호	비뇨기종양, 로봇 및 복강경 수술, 남성의학, 남성불임, 배뇨장애, 요로결석	
재활의학과	교수	조근열	뇌졸중재활, 척추손상, 근골격계재활, 전기진단, 소아 족부교정 및 측만증	
	조교수	최희은	근골격계재활, 심장재활, 호흡재활, 척추손상, 연하재활, 노인재활	
	조교수	도환권	척추손상, 말초신경손상, 근골격계재활, 전기진단	
마취통증의학과	교수	최영균	심폐마취, 장기이식마취	
	부교수	이상은	통증의학	
	부교수	김용한	기도관리	
	부교수	박재홍	기도관리	
	부교수	이기화	뇌신경마취, 안과마취, 마취약리	
	조교수	김세훈	중환자의학	
	조교수	고명진	통증의학	
	조교수	강은수	기도관리	
	조교수	김효중	수술실	
	조교수	오대석	대상포진, 근골격계 통증질환, 척추질환	
	임상강사	이현성	대상포진, 척추질환	
임상강사	박예흠	수술실		
임상강사	이병철	수술실		
핵의학과	교수	배상균	종양핵의학, 갑상선암, 동위원소치료	
	부교수	심혜경	종양핵의학, 갑상선암, 동위원소치료	

부서명	직위	성명	전문진료분야	비고
영상의학과	교수	윤정희	복부영상의학, 초음파학, 간암고주파열치료	
	교수	류지화	갑상선 및 두경부 영상, 에탄올절제술/고주파 절제술	
	교수	김승호	복부영상의학	
	교수	김숙정	유방영상 및 중재	
	부교수	정현경	유방영상	
	부교수	임윤정	소아영상의학	
	부교수	이예다운	복부영상의학	
	부교수	한석	근골격 영상의학	
	조교수	이호준	신경영상	
	조교수	이지숙	근골격 영상의학	
	조교수	강연아	신경영상	
	조교수	백지연	신경영상	
	조교수	손정희	복부영상	
	진료교수	이승찬	비혈관계, 혈관계 인터벤션	
	진료교수	신민우	혈관계, 비혈관계 인터벤션	
방사선종양 학과	부교수	조선미	뇌종양, 두경부종양, 흉부종양, 위장관계종양, 간담도계종양, 부인과종양, 비뇨기계암, 근골격계종양, 혈액종양, 소아암	
	조교수	박금주	뇌종양, 두경부암, 소화기암, 비뇨기암, 부인과암, 육종, 혈액암, 소아암	
	지원교원	전재완		
진단검사 의학과	교수	이정녀	진단혈액학, 분자유전학	
	부교수	전경란	의학유전학, 임상화학, 진단면역	
	조교수	송새암	임상미생물, 분자유전(세균및 바이러스), 수혈의학	
	조교수	유신애	진단면역, 이식면역, 분자유전, 임상화학	
병리과	교수	김연미	신경병리, 소아병리, 내분비병리	
	부교수	김지연	폐, 부인과 병리	
	부교수	김우경	유방병리	
	조교수	김보미	혈액, 신장병리	
	조교수	남경한	위·장관, 간·담도계병리	
	조교수	김주연	비뇨기, 두경부병리	
가정의학과	교수	유선미	비만학, 가정의학, 건강증진, 금연	
	부교수	박승국	건강증진, 가정의학, 노인학, 운동	
	진료교수	김효은	건강증진, 가정의학, 영양, 금연	
응급의학과	부교수	박하영		
	진료교수	황태식		
	진료교수	박건우		
	진료교수	김한별		
	진료교수	이현옥		
	진료교수	이상훈		
	진료교수	박현우		
	진료교수	최재영		
직업환경 의학과	교수	김대환	직업병 및 업무관련성평가, 비자검진	
	조교수	류지영	직업병 및 업무관련성평가	
	전문의(계약직)	안현주	구강검진	치과의사
	전문의(계약직)	선우유은	검진 상담	가정의학과 전문의
치과	진료교수	임장섭	임플란트, 심미보철, 특수보철	
	진료교수	방경환	통합치과, 예방치료, 평생구강관리	
	진료교수	김은하	보존과, 심미수복, 현미경신경치료	
종합검진 센터	전문의(계약직)	주희린	소화기 내시경	
	전문의(계약직)	장현정	소화기 내시경	
	전문의(계약직)	인현신	영상판독	
	전문의(계약직)	박지성	영상판독	
	전문의(계약직)	정다운	영상판독	
중환자실	전문의(계약직)	서유나	영상판독	
	전문의(계약직)	홍성용	외과계 중환자실 전담	

5. 각종 위원회 명단

2021년 2월 1일 현재

구분	감염관리위원회	개인정보보호위원회	기관생명윤리위원회		내구관리위원회
위원장	최영균(마취통증의학과)	최영균(마취통증의학과)	이정녀(진단검사의학과)		김대환(직업환경의학과)
부위원장	조경민(감염내과)				
간사	김경리(감염관리실)	이태현(의료정보실)	김대환(직업환경의학과)	김성호(류마티스내과)	김남희(QI실)
위원	김양욱(신장내과)	이기엽(의료정보실)	이정구(정신건강의학과)	박선철(정신건강의학과)	최영균(마취통증의학과)
	전경란(진단검사의학과)	이지희(의무기록실)	김태년(내분비내과)	고명진(마취통증의학과)	김양욱(신장내과)
	장항제(호흡기내과)	김태년(내분비내과)	김성민(감염내과)	송새암(진단검사의학과)	김태년(내분비내과)
	송새암(진단검사의학과)	황성하(총무부)	김현웅(안과)	문상원(정형외과)	윤정희(영상의학과)
	남경한(병리과)	문영판(핵의학과)	이상은(마취통증의학과)	류지영(직업환경의학과)	박찬선(내분비내과)
	김효은(가정의학과)	권가희(간호부)	송민섭(소아청소년과)	남경한(병리과)	임현식(사무국)
	노태훈(감염내과)	정재현(원무부)	김운원(외과)	박시형(신장내과)	황성하(총무부)
	이유진(신장내과)	박동현(시설부)	이성근(류마티스내과)	강은수(마취통증의학과)	권가희(간호부)
	임승진(감염내과)	강선웅(간호부)	박찬선(알레르기내과)	김효중(마취통증의학과)	
	황성하(총무부)	고영남(인제대학교)	진성철(신경외과)	유신애(진단검사의학과)	
	권가희(간호부)		이기화(마취통증의학과)	김세정(간호부)	
	박동현(시설부)		김성철(비뇨의학과)	최승매(간호부)	
	권미경(약제부)		강명주(혈액종양내과)	허성태((사)부산교육삼락회)	
	김지연(내과중환자실)		조현진(산부인과)	유혜정(외부위원)	
	이순조(중앙공급실)		김기훈(외과)	강다건(외부위원)	
	김민선(간호부)		박진세(신경과)	김성일(외부위원)	
			김미라(이비인후과)	강동규(외부위원)	
			김용완(이비인후과)	김순옥(외부위원)	
			김경미(정신건강의학과)	곽계순(가톨릭원목실)	
			정재승(비뇨의학과)	이연진(양산부산대학교병원)	
		전균호(산부인과)			
구분	뇌사판정위원회	다학제위원회	도서관리위원회	방사선안전관리위원회	
위원장	김성은(신경과)	강명주(암센터)	최병삼(신경외과)	윤정희(영상의학과)	
부위원장					
간사	김해유(신경외과)	이연주(암센터)	김아현(의학도서관실)	우성희(영상의학과)	
위원	장항제(호흡기내과)	이승미(약제부)	박상현(비뇨의학과)	류지화(영상의학과)	전재완(방사선종양학과)
	정미란(사회사업실)	서병조(위장관 외과)	전균호(산부인과)	김승호(영상의학과)	김태영(방사선종양학과)
		신진용(대장·항문외과)	정철희(산부인과)	김숙정(영상의학과)	진성진(방사선종양학과)
		김운원(유방외과)	허윤정(소아청소년과)	정현경(영상의학과)	김두일(심장내과)
		김현국(호흡기내과)	김세정(간호부)	임윤정(영상의학과)	최준혁(소화기내과)
		지용일(산부인과)	최병삼(신경외과)	이예다운(영상의학과)	공규민(정형외과)
		이성숙(암센터)	조선미(방사선종양학과)	이지숙(영상의학과)	박상현(비뇨의학과)
		조선미(방사선종양학과)	김우경(병리과)	한석(영상의학과)	이상은(마취통증의학과)
		임성남(혈액종양내과)	김주연(병리과)	김정대(영상의학과)	방경환(치과)
		김일환(혈액종양내과)	손정희(영상의학과)	배상균(핵의학과)	김경호(A)(진단검사의학과)
		권미경(약제부)		심혜경(핵의학과)	권가희(간호부)
		이영희(보험심사실)		문영판(핵의학과)	황성하(총무부)
				김애리(핵의학과)	박동현(시설부)
				조선미(방사선종양학과)	

구분	산업안전보건위원회	수련위원회	수술실위원회	시설환경안전관리위원회	신진료행위도입위원회
위원장	최영균(마취통증의학과)	윤정희(영상의학과)	김용한(마취통증의학과)	최영균(마취통증의학과)	김양욱(신장내과)
부위원장			이상은(마취통증의학과)		
간사	김준(시설부)	남승식(교육수련부)	김은정(간호부)	박동현(시설부)	이영희(보험심사실)
위원	권가희(간호부)	김경미(정신건강의학과)	강도균(흉부외과)	권가희(간호부)	이정녀(진단검사의학과)
	박동현(시설부)	정영윤(교육수련부)	권가희(간호부)	황성하(총무부)	김태년(내분비내과)
	이송근(총무부)	허내운(내과)	김미라(이비인후과)	박미애(관리부)	김성수(정형외과)
	조보성(간호부)	정원범(외과)	김상연(이비인후과)	조보성(간호부)	김성호(류마티스내과)
	김정완(노동조합 지부장)	최소윤(소아청소년과)	김운원(외과)	방길원(원무부)	
	이성진(노동조합 사무장)	전성욱(산부인과)	김진수(외과)	김준(시설부)	
	김연경(노동조합 교육부지부장)	박하영(응급의학과)	김태년(내분비내과)		
	백창수(노동조합선임부지부장)	박선철(정신건강의학과)	문지현(간호부)		
	김성연(노동조합 법제부장)	이예다운(영상의학과)	박강운(안과)		
	김배연(노동조합 문화부장)	고명진(마취통증의학과)	박동현(시설부)		
		이상진(정형외과)	박상현(비뇨의학과)		
		이현곤(신경외과)	박정익(외과)		
		이근철(성형외과)	박종권(외과)		
		이수정(안과)	방진영(정형외과)		
		박진세(신경과)	서병조(외과)		
		최희은(재활의학과)	윤성호(성형외과)		
		김효은(가정의학과)	정재승(비뇨의학과)		
		이근익(이비인후과)	정철희(산부인과)		
		강도균(흉부외과)	최병삼(신경외과)		
		오철규(비뇨의학과)			
	류지영(직업환경의학과)				
구분	심폐소생위원회	암센터운영위원회	약무위원회	약물유해반응관리위원회	영양위원회
위원장	박하영(응급의학과)	임성남(혈액종양내과)	최영균(마취통증의학과)	박찬선(알레르기내과)	최영균(마취통증의학과)
부위원장			김양욱(신장내과)		
간사	권수연(간호부)	이연주(간호부)	권미경(약제부)	김운숙(약제부)	김기정(영양부)
위원	김운원(외과)	김태오(소화기내과)	김태년(내분비내과)	허내운(소화기내과)	김태년(내과)
	김동기(순환기내과)	신진용(외과)	김운원(외과)	이성근(류마티스내과)	정원범(외과)
	김해유(신경외과)	지용일(산부인과)	조근열(재활의학과)	김기훈(심장내과)	정미림(소아청소년과)
	장형제(호흡기내과)	박상현(비뇨의학과)	지용일(산부인과)	박진한(호흡기내과)	이원돌(간호부)
	이정녀(진단검사의학과)	서병조(외과)	공규민(정형외과)	문상원(정형외과)	황성하(총무부)
	강도균(흉부외과)	오성진(외과)	조경민(감염내과)	이정선(유방외과)	
	김지연(병리과)	김운원(외과)	권가희(간호부)	정소영(피부과)	
	김기훈(외과)	이정선(외과)	이영희(보험심사실)	김일환(혈액종양내과)	
	박복진(간호부)	강명주(혈액종양내과)		김효정(호흡기내과)	
	지은희(간호부)	이성숙(혈액종양내과)		한석(영상의학과)	
		김일환(혈액종양내과)		이호준(영상의학과)	
		이정구(정신건강의학과)		이은주(소아청소년과)	
		조선미(방사선종양학과)		박용은(소화기내과)	
		정재승(비뇨의학과)		김시은(신경과)	
		박금주(방사선종양학과)		박혜수(간호부)	
				안혜경(간호부)	
				이현주(간호부(2B))	
				강선웅(간호부)	
				이병수(의료정보실)	
				최소윤(소아청소년과)	

구분	영양집중위원회	외상센터위원회	응급실운영위원회	의료분쟁예방 및 대책위원회	의료의질향상위원회
위원장	박승국(가정의학과)	김기훈(외과)	최영균(마취통증의학과)	백무진(이비인후과)	최영균(마취통증의학과)
부위원장		박하영(응급의학과)	박하영(응급의학과)		김대환(직업환경의학과)
간사	임완순(간호부)	권수연(간호부)	권수연(간호부)	김광재(원무부)	김남희(QI실)
위원	장항제(호흡기내과)	김운원(외과)	김양욱(신장내과)	김두일(심장내과)	김양욱(신장내과)
	김기훈(소아외과)	공규민(정형외과)	김기훈(외과)	김운원(외과)	박하영(응급의학과)
	김세훈(마취통증의학과)	김영복(정형외과)	설상훈(순환기내과)	김성은(신경과)	윤정희(영상의학과)
	정원범(대장·항문외과)	이승찬(영상의학과)	장항제(호흡기내과)	김대환(직업환경의학과)	이수정(안과)
	이진(소화기내과)	황운호(흉부외과)	김운원(외과)	이정구(정신건강의학과)	이정녀(진단검사의학과)
	정미림(소아청소년과)	최영균(마취통증의학과)	김두일(순환기내과)	지용일(산부인과)	박찬선(내분비내과)
	김지연(간호부)	김용한(마취통증의학과)		황성하(총무부)	임현식(사무국)
	정현정(간호부)	박명찬(비뇨의학과)		권가희(간호부)	권가희(간호부)
	김미숙(간호부)	신민우(영상의학과)		정재현(원무부)	조규진(간호부)
	배자연(간호부)	김세훈(마취통증의학과)			김지연(간호부)
	권미경(약제부)	홍성용(중환자실)			안혜경(간호부)
	김효중(약제부)	박건우(응급의학과)			
	오세동(약제부)	김한별(응급의학과)			
	이가영(약제부)	이상훈(응급의학과)			
	김기정(영양부)	이현욱(응급의학과)			
	김나현(영양부)	박현우(응급의학과)			
	장지현(영양부)	최재영(응급의학과)			
	김아롱(영양부)	김해유(응급의학과)			
		김진수(외과)			
		박복진(간호부)			
구분	의료정보위원회	의무기록위원회	인사위원회	임상시험센터	장기이식위원회
위원장	김양욱(신장내과)	김양욱(내과)	최영균(마취통증의학과)	김태오(소화기내과)	김양욱(신장내과)
부위원장			김양욱(신장내과)		김진수(외과)
간사	이기엽(의료정보실)	이지희(의무기록실)	황성하(총무부)	백승식(임상시험센터)	은지영(간호부)
위원	박종하(내과)	백무진(이비인후과)	김태년(내분비내과)	김시은(신경과)	박정익(외과)
	김운원(외과)	윤정희(영상의학과)	윤정희(영상의학과)	김일환(혈액종양내과)	정보현(외과)
	이정녀(진단검사의학과)	김운원(외과)	김해유(신경외과)	김태년(내분비내과)	김기훈(외과)
	윤정희(영상의학과)	지용일(산부인과)	임현식(사무국)	김해유(신경외과)	박승하(소화기내과)
	강선웅(간호부)	김성수(정형외과)		박용은(소화기내과)	허내운(소화기내과)
		최병삼(신경외과)		유신애(진단검사의학과)	설상훈(심장내과)
		오철규(비뇨의학과)			송여정(심장내과)
		조근열(재활의학과)			고명진(마취통증의학과)
		권가희(간호부)			김성은(신경과)
		이기엽(의료정보실)			박진세(신경과)
					유신애(진단검사의학과)
					강도균(흉부외과)
					박상현(비뇨의학과)
					김성철(비뇨의학과)
					조근열(재활의학과)
					윤정희(영상의학과)
					김윤숙(약제부)
					이영희(보험심사실)
					신수인(원무부)
					김지연(간호부)

구분	재난대책위원회	중환자실위원회	진료권한심의회위원회	진료재료소모품위원회	진료협력위원회
위원장	최영균(마취통증의학과)	장항제(호흡기내과)	김양욱(신장내과)	최영균(마취통증의학과)	최병완(정형외과)
부위원장		김기훈(외과)		김양욱(신장내과)	
간사	황성하(총무부)	김세훈(마취통증의학과)	이용직(총무부)	박미애(관리부)	정소연(진료협력센터)
위원	김양욱(신장내과)	허윤정(소아청소년과)	박종하(내과)	박정익(외과)	김은원(외과)
	김대환(직업환경의학과)	진성철(신경외과)	박찬선(내과)	김태년(내분비내과)	김성수(정형외과)
	박하영(응급의학과)	하삼열(신경과)	김성수(정형외과)	김성수(정형외과)	김현국(내과)
	임현식(사무국)	김양욱(신장내과)	김은원(외과)	김은원(외과)	허윤정(소아청소년과)
	문영판(핵의학과)	김기훈(심장내과)	류지화(영상의학과)	김두일(심장내과)	박상현(비뇨의학과)
	권가희(간호부)	김동기(심장내과)	김용한(마취통증의학과)	권가희(간호부)	전성욱(산부인과)
	이기엽(의료정보실)	김승환(심장내과)		이영희(보험심사실)	박하영(응급의학과)
	박동현(시설부)	송여정(심장내과)			조현진(산부인과)
	최승매(감염관리실)	정보현(외과)			박승국(가정의학과)
		이재하(호흡기내과)			박진세(신경과)
		허운(흉부외과)			안혜경(간호부)
		홍성용(흉부외과)			정재현(원무부)
		김지연(간호차장)			이영희(보험심사실)
		윤지희(간호부)			안옥경(진료협력센터)
		이현주(간호부)			이승연(진료협력센터)
	전주현(간호부)			김동현(진료협력센터)	
구분	항생제사용관리위원회	간호간병통합서비스병동위원회	연명의료윤리위원회	현장검사위원회	환자안전위원회
위원장	김양욱(신장내과)	김양욱(신장내과)	김양욱(신장내과)	김양욱(신장내과)	최영균(마취통증의학과)
부위원장			김은원(외과)	전경란(진단검사의학과)	김대환(직업환경의학과)
간사	정현주(감염관리실)	양선희(간호부)	은지영(간호부)	정기자(진단검사의학실)	손민정(QI실)
위원	조경민(감염내과)	김은원(외과)	이정녀(진단검사의학과)	유신애(진단검사의학과)	김양욱(신장내과)
	송새암(진단검사의학과)	김성수(정형외과)	이정구(정신건강의학과)	김태년(내분비내과)	윤정희(영상의학과)
	권미경(약제부)	권가희(간호부)	임성남(혈액종양내과)	김용한(마취과)	박하영(응급의학과)
	이기엽(의료정보실)	이영희(보험심사실)	장항제(호흡기내과)	박하영(응급의학과)	조경민(알레르기내과)
	이소연(보험심사실)	황성하(총무부)	김해유(신경외과)	정미림(소아청소년과)	박찬선(내분비내과)
	김경리(감염내과)	정재현(원무부)	하삼열(신경과)	박승국(가정의학과)	권가희(간호부)
		이기엽(의료정보실)	김효은(가정의학과)	박미애(관리부)	임현식(사무국)
		염정숙(간호부)	김지연(병리과)	이영희(보험심사실)	권미경(약제부)
				안혜경(간호부)	박동현(시설부)
				이은숙(간호부)	정재현(원무부)
구분	서비스혁신센터위원회			김지연(간호부)	박미애(관리부)
위원장	박종하(소화기내과)				조규진(간호부)
간사	강기태(서비스혁신센터)	이정선(외과)			김지연(간호부)
위원	임종섭(서비스혁신센터)	이주연(물리치료실)			안혜경(간호부)
	김현웅(안과)	정미림(소아청소년과)			
	강도균(흉부외과)	정미열(간호부)			
	김동기(순환기내과)	정보현(외과)			
	김세정(간호부)	조현진(산부인과)			
	김효중(약제부)	최준혁(소화기내과)			
	남승식(교육수련부)	하동균(기획실)			
	문영판(핵의학과)				
박예흠(마취통증의학과)					

6. 지원부서 부서장 명단

2021년 2월 1일 현재

부서	직위	성명	비고
사무국	사무국장	임현식	
총무부	부장	황성하	
경리부	부장	이희수	
관리부	부장	박미애	
원무부	부장	정재현	
간호부	부장	권가희	
건강관리과	사무장	백기민	
의료정보실	실장	이기엽	
약제부	부장	권미경	
보험심사실	실장	이영희	
영양부	부장	김기정	
의무기록실	실장	이지희	
물리치료실	실장	홍준혁	
핵의학실	실장	이진수	
영상의학실	실장	우성희	
방사선종양학실	실장	김태영	
병리실	실장	손창민	
진단검사의학실	실장	조광래	
시설부	부장	박동현	
교육수련부	교육수련팀장	남승식	

7. 과별 의사 배치 현황

(2021년 2월 1일 현재)(현원수/근보요원수(현원중))

과목별	구분	상근			비상근			전공의					계					
		전문의	일반의	계	전문의	일반의	계	레지던트										
								1	2	3	4	계						
내과		45		45	4		4	4	3	2	3	1	2	10	3	61		
소아청소년과		8		8			0			2		2		4		16		
신경과		7		7			0	2	1	1		1	1	5	4	11		
정신건강의학과		4		4			0	1	1	1		1	1	4	1	8		
피부과		2		2			0							0		2		
외과		13		13			0	1				1	1	2	1	17		
흉부외과		4		4			0	1	2							5		
정형외과		11		11			0	2	1	1	1	2	1	7	4	18		
신경외과		8		8			0		1	1		1		3		11		
성형외과		3		3			0		1	1		1	1	2	2	6		
산부인과		5		5			0	3	1	1		1		6		9		
안과		6		6			0	1	1	1	1	1		4	2	10		
이비인후과		5		5			0	1	1	1	1	1	1	4	4	9		
비뇨의학과		5		5			0							0		5		
결핵과				0			0							0		0		
재활의학과		4		4			0	1	1	1	1	1		4	3	8		
마취통증의학과		10		10	1		1	2	1	2	2	1	2	8	3	19		
영상의학과		15		15			0	2	2	2	1	2	1	8	2	23		
방사선종양학과		2		2			0							0		2		
진단검사의학과		4		4			0							0		4		
병리과		6		6			0							0		6		
가정의학과		3		3			0		1	1				2	1	8		
응급의학과		7		7			0	1	1	1	1	1		4	2	11		
핵의학과		2		2			0							0		2		
직업환경의학과		2		2	2		2	1	1	1	1	1		4	2	8		
소계		181	0	181	7	0	7	20	10	25	8	23	10	23	13	91	41	279
임상약리학과				0			0							0		0		0
치과		2		2	1		1							0		0		3
건강증진센터				0	4		4							0		0		4
응급실				0			0							0		0		0
중환자실				0			0							0		0		0
기타				0			0							0		0		0
총계		183	0	183	12	0	12	전공의 계					91	41	309			
							인턴 계			22	10							

8. 간호사 배치 현황

(2021년 2월 29일 기준)

구분 과목별	간호사					조무사				계	비고	
	간호 부장	간호 차장	간호 과장	일반 간호사	소계	조무사	조무 기사	Y.G	소계			
간호부	1	3	2	2	8	1			1	9		
입원병동		1	14	407	422	14	17	40	71	493	정맥간호사 계약직8 포함	
중환 자실	SICU			1	55	56			0	56		
	CCU					0			0	0		
	MICU			1	61	62		3	11	14	조무사 SICU와 통합	
	NICU			1	34	35			6	6	41	
	소계	0	0	3	150	153	0	3	17	20	173	
특수 부서	NUR				5	5			0	5		
	DR				11	11			0	11		
	OR			2	66	68		1	6	7	75	
	ANE			1	34	35		1	3	4	39	
	응급실			1	51	52		6	8	14	66	응급실간호사 계약직1 포함
	공급실			1	1	2		2	10	12	14	
	소계	0	0	5	168	173	0	10	27	37	210	
외래	진료과			6	149	155		1	70	71	226	
	검진,건관			1	12	13				0	13	
	AK			1	17	18			1	1	19	
	PA				99	99				0	99	
기타(분만, 휴직)				57	57				0	57		
소계	0	0	8	334	342	0	1	71	72	414		
계(TOTAL)	1	4	32	1,061	1,098	15	31	155	201	1,299		

▶ 각종 진료 통계

1. 연도별 환자 통계

과별	2016년		2017년		2018년		2019년		2020년	
	외래	입원	외래	입원	외래	입원	외래	입원	외래	입원
	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.	O.P.D.	I.P.D.
내과(IM)	214,399	11,128	217,201	11,937	228,424	12,552	236,987	13,214	225,952	12,846
소아청소년과(PD)	27,369	2,879	22,316	2,438	25,053	2,286	20,734	1,993	15,377	933
신경과(ND)	43,352	1,619	46,740	1,672	49,914	1,875	51,907	1,673	49,560	1,670
정신건강의학과(NP)	25,742	432	24,367	385	26,197	379	25,883	325	25,782	264
피부과(DM)	17,545	41	23,244	69	21,555	64	18,160	32	20,074	51
외과(GS)	44,944	5,712	41,059	5,379	43,418	5,504	44,792	5,987	45,071	6,055
흉부외과(TS)	6,627	616	7,060	689	5,642	485	6,463	644	6,394	558
성형외과(PS)	13,556	704	13,275	655	12,653	592	12,048	553	8,526	365
정형외과(OS)	42,946	2,884	42,338	2,814	39,935	2,758	44,092	2,965	42,363	3,003
신경외과(NS)	27,429	2,211	27,137	2,125	28,819	2,623	31,895	2,721	29,935	2,396
산부인과(OBGY)	22,916	1,832	23,255	1,979	25,516	2,206	27,363	2,305	27,950	2,368
안과(OT)	30,674	1,083	29,281	1,009	29,885	1,080	31,955	1,304	34,611	1,242
이비인후과(OL)	25,788	1,646	25,879	1,806	28,323	1,706	30,756	1,706	25,252	1,377
비뇨의학과(UR)	25,074	1,106	25,509	961	27,756	1,046	27,792	1,017	26,298	1,019
치과(DS)	12,988	88	11,891	111	9,810	155	9,207	22	10,780	
방사선종양학과(RO)	11,910	0	4,049	0	4,080	0	4,850		4,711	
재활의학과(RM)	10,696	186	11,068	176	8,408	86	8,777	83	7,780	79
가정의학과(FM)	9,451	52	10,458	134	10,066	62	11,080	64	23,956	45
통증클리닉(PC)	5,952	112	5,651	137	6,613	135	6,469	132	6,479	127
직업환경의학과(OEM)	739	0	503	0	529	0	496		304	
핵의학과(NM)	1,092	100	1,020	89	1,005	108	1,073	131	926	112
인터벤션크리닉(IRC)	125	0	132	0	132	0	101		105	
암통합진료센터(CAN)	0	0	0	0	0	0				
영상의학과(RD)	164	0	63	0	10	0	1		5	
응급의학과(EMD)	-	0	-	0	-	0				1
응급실(ER)	63,283	-	60,617	-	62,364	-	60,894		43,778	
물리치료실(PTD)	30,769	-	31,100	-	29,159	-	30,403		26,419	
인공신장실(AKU)	17,919	-	17,891	-	17,061	-	17,949		17,255	
주사실(IJR)	4,673	-	5,717	-	6,921	-	8,512		7,516	
신생아(NB)	-	72	-	81	-	114		88		89
건강관리과(HC)	30,605	-	28,195	-	26,942	-	25,007	-	14,705	-
건강증진센터(HPC)	7,172	-	6,762	-	7,212	-	6,612	-	5,889	-
계(Total)	775,899	34,503	763,778	34,646	783,402	35,816	802,258	36,959	753,753	34,600

2. 외래환자 월별 통계

구분 과별	2020년															2020년					
	3월			4월			5월			6월			7월			8월			9월		
	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계
내과	2,265	14,739	17,004	2,303	15,858	18,161	2,659	15,535	18,194	3,313	17,557	20,870	3,359	18,129	21,488	2,667	17,224	19,891	2,642	15,441	18,083
소아 청소년과	163	954	1,117	167	1,126	1,293	228	1,091	1,319	235	1,071	1,306	250	1,198	1,448	178	1,213	1,391	151	1,026	1,177
신경과	493	3,175	3,668	576	3,513	4,089	626	3,198	3,824	792	3,626	4,418	812	3,960	4,772	648	3,451	4,099	570	3,699	4,269
정신건강 의학과	149	1,886	2,035	164	1,902	2,066	161	1,858	2,019	167	2,169	2,336	182	2,092	2,274	143	1,996	2,139	157	2,076	2,233
피부과	412	876	1,288	468	1,037	1,505	482	1,072	1,554	585	1,277	1,862	568	1,335	1,903	554	1,246	1,800	534	1,370	1,904
외과	329	2,851	3,180	357	3,108	3,465	410	3,039	3,449	516	3,391	3,907	603	3,478	4,081	517	3,107	3,624	480	3,322	3,802
흉부외과	101	353	454	95	369	464	96	353	449	141	428	569	149	405	554	120	373	493	129	434	563
성형외과	166	490	656	167	584	751	196	535	731	239	624	863	182	571	753	182	502	684	150	448	598
정형외과	620	2,357	2,977	754	2,734	3,488	822	2,590	3,412	1,032	3,138	4,170	896	3,107	4,003	807	2,820	3,627	738	2,669	3,407
신경외과	288	1,927	2,215	330	2,006	2,336	391	1,942	2,333	466	2,291	2,757	446	2,218	2,664	402	2,143	2,545	358	2,337	2,695
산부인과	244	1,596	1,840	315	1,714	2,029	365	1,768	2,133	450	2,162	2,612	431	2,055	2,486	425	1,972	2,397	415	1,938	2,353
안과	404	1,799	2,203	385	2,205	2,590	457	2,184	2,641	546	2,684	3,230	524	2,635	3,159	474	2,364	2,838	409	2,447	2,856
이비인후과	567	1,370	1,937	596	1,538	2,134	630	1,392	2,022	804	1,684	2,488	769	1,664	2,433	514	1,449	1,963	645	1,258	1,903
비뇨의학 과	317	1,651	1,968	366	1,590	1,956	405	1,615	2,020	433	1,967	2,400	452	2,072	2,524	422	1,828	2,250	381	1,867	2,248
치과	127	586	713	151	673	824	157	694	851	193	778	971	202	798	1,000	154	712	866	169	655	824
방사선종양 학과	63	432	495	50	370	420	34	307	341	62	330	392	50	280	330	52	317	369	43	332	375
재활의학과	113	426	539	103	479	582	128	494	622	165	565	730	131	618	749	114	528	642	140	532	672
가정의학과	1,739	683	2,422	1,108	684	1,792	1,296	567	1,863	1,202	611	1,813	948	652	1,600	1,209	634	1,843	1,153	830	1,983
통증클리닉	82	394	476	79	453	532	88	434	522	101	514	615	86	528	614	73	434	507	105	471	576
직업환경 의학과	2	9	11	12	2	14	7	4	11	11	9	20	19	22	41	8	22	30	10	15	25
핵의학과	30	66	96	16	72	88	15	61	76	15	63	78	25	62	87	12	53	65	24	42	66
인터벤션 클리닉	4		4	5	1	6	4	7	11	8	3	11	7	1	8	4	3	7	8	1	9
암통합진료 센터			0			0			0			0			0			0			0
영상의학과			0			0	1		1			0			0			0			0
응급실	1,962	1,100	3,062	2,248	1,008	3,256	2,753	1,328	4,081	2,710	1,233	3,943	2,946	1,345	4,291	2,547	1,201	3,748	2,334	997	3,331
물리치료실		1,116	1,116		1,601	1,601		2,104	2,104		2,558	2,558		2,865	2,865		2,490	2,490		2,384	2,384
인공신장실		1,505	1,505		1,469	1,469		1,435	1,435		1,439	1,439		1,547	1,547		1,490	1,490		1,472	1,472
주사실		539	539		579	579		600	600		724	724		792	792		686	686		730	730
건강관리과	479	0	479	469	1	470	673	0	673	2,054	7	2,061	1,839	28	1,867	1,503	21	1,524	965	42	1,007
건강증진 센터	167	0	167	142	0	142	301	0	301	711	0	711	773	0	773	657	0	657	625	0	625
계	11,286	42,880	54,166	11,426	46,676	58,102	13,385	46,207	59,592	16,951	52,903	69,854	16,649	54,457	71,106	14,386	50,279	64,665	13,335	48,835	62,170

구분 과별										2021년						계		
	10월			11월			12월			1월			2월			초진 New	재진 Old	계
	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계	초진 New	재진 Old	계			
내과	2,645	14,735	17,380	2,864	15,980	18,844	2,739	16,713	19,452	2,721	15,936	18,657	2,528	15,400	17,928	32,705	193,247	225,952
소아 청소년과	192	1,150	1,342	205	1,128	1,333	131	1,041	1,172	146	1,075	1,221	186	1,072	1,258	2,232	13,145	15,377
신경과	683	3,392	4,075	624	3,605	4,229	604	3,673	4,277	589	3,425	4,014	517	3,309	3,826	7,534	42,026	49,560
정신건강 의학과	135	1,929	2,064	144	2,013	2,157	147	2,251	2,398	141	1,937	2,078	106	1,877	1,983	1,796	23,986	25,782
피부과	484	1,146	1,630	501	1,262	1,763	559	1,256	1,815	452	1,169	1,621	394	1,035	1,429	5,993	14,081	20,074
외과	506	3,293	3,799	548	3,430	3,978	566	3,628	4,194	559	3,424	3,983	441	3,168	3,609	5,832	39,239	45,071
흉부외과	119	419	538	135	389	524	148	516	664	137	445	582	116	424	540	1,486	4,908	6,394
성형외과	195	481	676	186	514	700	190	581	771	146	514	660	171	512	683	2,170	6,356	8,526
정형외과	752	2,705	3,457	818	2,761	3,579	669	2,935	3,604	707	2,695	3,402	701	2,536	3,237	9,316	33,047	42,363
신경외과	344	1,855	2,199	471	2,281	2,752	388	2,094	2,482	366	2,139	2,505	408	2,044	2,452	4,658	25,277	29,935
산부인과	418	1,897	2,315	425	2,109	2,534	438	2,136	2,574	437	1,920	2,357	396	1,924	2,320	4,759	23,191	27,950
안과	463	2,459	2,922	521	2,610	3,131	526	2,696	3,222	502	2,455	2,957	414	2,448	2,862	5,625	28,986	34,611
이비인후과	616	1,378	1,994	683	1,489	2,172	648	1,558	2,206	639	1,424	2,063	588	1,349	1,937	7,699	17,553	25,252
비뇨의학 과	394	1,759	2,153	368	1,831	2,199	433	2,052	2,485	363	1,771	2,134	330	1,631	1,961	4,664	21,634	26,298
치과	171	691	862	193	820	1,013	168	794	962	210	840	1,050	167	677	844	2,062	8,718	10,780
방사선종양 학과	57	318	375	53	363	416	65	340	405	59	337	396	53	344	397	641	4,070	4,711
재활의학과	112	471	583	145	554	699	142	561	703	133	553	686	89	484	573	1,515	6,265	7,780
가정의학과	1,206	1,002	2,208	1,213	846	2,059	1,408	789	2,197	1,068	787	1,855	1,468	853	2,321	15,018	8,938	23,956
통증클리닉	85	448	533	82	481	563	89	532	621	89	363	452	74	394	468	1,033	5,446	6,479
직업환경 의학과	10	18	28	9	25	34	12	19	31	9	17	26	13	20	33	122	182	304
핵의학과	28	46	74	22	55	77	27	66	93	25	52	77	12	37	49	251	675	926
인터벤션 클리닉	11	5	16	3	3	6	5	1	6	8		8	12	1	13	79	26	105
암통합진료 센터			0			0			0			0			0	0	0	0
영상의학과			0	1		1			0	2		2	1		1	5	0	5
응급실	2,845	1,194	4,039	2,552	1,069	3,621	2,233	1,072	3,305	2,413	1,070	3,483	2,505	1,113	3,618	30,048	13,730	43,778
물리치료실		2,203	2,203		2,556	2,556		2,359	2,359		2,152	2,152		2,031	2,031	0	26,419	26,419
인공신장실		1,503	1,503		1,328	1,328		1,413	1,413		1,367	1,367		1,287	1,287	0	17,255	17,255
주사실		706	706		693	693		550	550		450	450		467	467	0	7,516	7,516
건강관리과	1,300	22	1,322	1,974	31	2,005	1,798	22	1,820	690	8	698	777	2	779	14,521	184	14,705
건강증진 센터	643	0	643	719	0	719	515	0	515	360	0	360	276	0	276	5,889	0	5,889
계	14,414	47,225	61,639	15,459	50,226	65,685	14,648	51,648	66,296	12,971	48,325	61,296	12,743	46,439	59,182	167,653	586,100	753,753

3. 퇴원환자 월별 통계

과별	2020년													
	3월		4월		5월		6월		7월		8월		9월	
	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수
내과(IM)	951	8,509	1,004	9,270	1,051	9,261	1,148	9,081	1,231	9,938	1,000	9,054	976	8,229
소아청소년과(PD)	58	411	77	1,930	82	768	81	831	90	972	83	735	67	611
신경과(ND)	96	1,392	128	1,234	137	1,066	150	1,093	165	1,173	124	1,010	113	773
정신건강의학과(NP)	17	274	22	342	28	368	20	356	32	421	19	315	26	516
피부과(DM)	5	15	5	17	4	8	2	4	8	35	4	11	10	64
외과(GS)	511	3,100	515	2,900	531	3,017	545	3,372	577	3,308	559	3,197	605	3,878
흉부외과(TS)	34	283	45	576	39	387	51	452	46	431	48	467	51	513
성형외과(PS)	32	232	33	348	40	248	27	200	32	350	28	172	30	168
정형외과(OS)	179	2,551	227	3,296	213	3,026	274	3,434	276	3,582	224	3,248	207	2,643
신경외과(NS)	133	1,819	175	2,413	194	2,562	216	2,789	195	2,260	194	2,567	208	2,515
산과(OB)	30	244	41	391	37	292	31	260	38	385	36	334	50	365
부인과(GY)	115	866	132	819	152	1,173	167	940	154	935	162	956	169	1,162
안과(OT)	102	223	77	184	93	230	116	265	126	279	94	258	81	213
이비인후과(OL)	130	528	113	557	99	370	124	501	134	626	90	410	96	418
비뇨의학과(UR)	67	430	71	459	64	361	105	614	96	573	89	530	92	596
치과(DS)														
방사선종양학과(RO)														
재활의학과(RM)	35	772	45	1,227	23	455	38	607	39	644	46	1,014	27	603
가정의학과(FM)	7	27	7	26	5	16	8	30	5	20	1	4	5	17
통증클리닉(PC)	12	171	20	258	13	145	15	103	10	90	5	31	7	61
직업환경의학과(OEM)														
핵의학과(NM)	10	21	10	20	12	25	10	20	5	10	5	10	8	16
인터벤션클리닉(IRC)														
영상의학과(RD)														
응급의학과(EMD)					0	3	0	3	0	7	0	7	0	6
신생아(NB)	8	27	8	32	12	46	5	22	12	45	7	27	8	33
계(Total)	2,532	21,895	2,755	26,299	2,829	23,827	3,133	24,977	3,271	26,084	2,818	24,357	2,836	23,400

구분 과별	2020년						2021년				계		퇴원환자	입원환자
	10월		11월		12월		1월		2월					
	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	실인원	연일수	평균 재원일수	재원 연인원수
내과(IM)	1,003	7,963	1,023	9,270	1,092	8,875	1,026	8,696	965	7,540	12,470	105,686	8.5	102,812
소아청소년과(PD)	75	713	79	1,017	72	423	79	905	74	454	917	9,770	10.7	8,841
신경과(ND)	118	880	125	1,096	118	768	122	929	102	715	1,498	12,129	8.1	11,431
정신건강의학과(NP)	19	312	22	382	25	443	18	276	19	358	267	4,363	16.3	4,295
피부과(DM)	4	25	3	18	0	7	2	10	2	14	49	228	4.7	228
외과(GS)	520	2,970	577	3,710	550	3,289	528	3,415	483	3,042	6,501	39,198	6.0	38,857
흉부외과(TS)	37	243	50	340	61	513	62	488	45	419	569	5,112	9.0	4,986
성형외과(PS)	30	448	31	230	40	275	27	162	31	312	381	3,145	8.3	3,270
정형외과(OS)	245	2,918	253	3,436	248	3,013	231	2,842	238	3,001	2,815	36,990	13.1	36,794
신경외과(NS)	205	2,972	178	2,084	195	2,268	181	2,541	189	1,959	2,263	28,749	12.7	28,931
산과(OB)	45	364	43	504	49	320	45	436	44	249	489	4,144	8.5	4,095
부인과(GY)	145	786	162	952	165	935	169	1,065	180	1,088	1,872	11,677	6.2	11,577
안과(OT)	98	179	112	256	139	332	109	233	93	262	1,240	2,914	2.4	2,365
이비인후과(OL)	113	396	109	365	129	514	131	520	102	335	1,370	5,540	4.0	5,297
비뇨의학과(UR)	72	379	86	523	106	579	91	499	85	636	1,024	6,179	6.0	6,245
치과(DS)											0	0	0.0	
방사선종양학과(RO)											0	0	0.0	
재활의학과(RM)	19	411	33	685	38	850	34	641	41	741	418	8,650	20.7	8,113
가정의학과(FM)	3	12	3	8	1	4					45	164	3.6	164
통증클리닉(PC)	5	38	9	76	13	131	12	122	15	138	136	1,364	10.0	1,634
직업환경의학과(OEM)											0	0	0.0	
핵의학과(NM)	9	18	11	22	12	24	14	28	6	12	112	226	2.0	226
인터벤션클리닉(IRC)											0	0	0.0	
영상의학과(RD)											0	0	0.0	
응급의학과(EMD)	0	1	0	4	0	3	0	8			0	42	0.0	
신생아(NB)	10	36	8	28	6	12	2	10	3	8	89	326	3.7	383
계(Total)	2,775	22,064	2,917	25,006	3,059	23,578	2,883	23,826	2,717	21,283	34,525	286,596	8.3	280,544

4. 외래, 퇴원환자 종류별 통계

구분 과별	외래													
	건보		급여		산재		일반		자보		기타		계	과별
	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	구성비(%)
내과(IM)	208,648	92.3	16,408	7.3	202	0.1	662	0.3	25	0.0	7	0.0	225,952	30.0
소아청소년과(PD)	14,646	95.2	378	2.5	0	0.0	350	2.3	2	0.0	1	0.0	15,377	2.0
신경과(ND)	44,700	90.2	4,674	9.4	50	0.1	117	0.2	18	0.0	1	0.0	49,560	6.6
정신건강의학과(NP)	22,102	85.7	2,808	10.9	404	1.6	129	0.5	339	1.3	0	0.0	25,782	3.4
피부과(DM)	18,426	91.8	1,248	6.2	0	0.0	382	1.9	17	0.1	1	0.0	20,074	2.7
외과(GS)	41,887	92.9	2,964	6.6	9	0.0	183	0.4	23	0.1	5	0.0	45,071	6.0
흉부외과(TS)	5,710	92.9	580	9.1	18	0.3	20	0.3	66	1.0	0	0.0	6,394	0.8
성형외과(PS)	6,911	89.3	263	3.1	117	1.4	956	11.2	279	3.3	0	0.0	8,526	1.1
정형외과(OS)	35,890	81.1	3,039	7.2	1,641	3.9	689	1.6	1,103	2.6	1	0.0	42,363	5.6
신경외과(NS)	26,323	84.7	2,551	7.2	290	1.0	273	0.9	498	1.7	0	0.0	29,935	4.0
산과(OB)	0		0		0		0		0		0			
부인과(GY)	26,938	96.4	851	3.0	0	0.0	158	0.6	3	0.0	0	0.0	27,950	3.7
안과(OT)	31,956	92.3	2,266	6.5	196	0.6	103	0.3	89	0.3	1	0.0	34,611	4.6
이비인후과(OL)	23,446	92.8	1,474	5.8	173	0.7	92	0.4	67	0.3	0	0.0	25,252	3.4
비뇨의학과(UR)	24,379	92.7	1,650	6.3	138	0.5	79	0.3	51	0.2	1	0.0	26,298	3.5
치과(DS)	8,846	82.1	567	5.3	35	0.3	1,225	11.4	105	1.0	2	0.0	10,780	1.4
방사선종양학과(RO)	4,409	93.6	295	6.3	0	0.0	7	0.1	0	0.0	0	0.0	4,711	0.6
재활의학과(RM)	6,534	84.0	717	9.2	255	3.3	81	1.0	193	2.5	0	0.0	7,780	1.0
가정의학과(FM)	21,367	89.2	861	3.6	2	0.0	1,723	7.2	1	0.0	2	0.0	23,956	3.2
통증클리닉(PC)	5,130	79.2	774	11.9	402	6.2	10	0.2	163	2.5	0	0.0	6,479	0.9
직업환경의학과(OEM)	278	91.4	2	0.7	0	0.0	24	7.9	0	0.0	0	0.0	304	0.0
핵의학과(NM)	892	96.3	31	3.3	0	0.0	2	0.2	1	0.1	0	0.0	926	0.1
인터벤션클리닉(IRC)	92	87.6	13	12.4	0	0.0	0	0.0	0	0.0	0	0.0	105	0.0
암통합진료센터(CAN)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
영상의학과(RD)	2	40.0	0	0.0	0	0.0	3	60.0	0	0.0	0	0.0	5	0.0
건강관리과(HC)		0.0		0.0		0.0	14,705	100.0		0.0		0.0	14,705	2.0
건강증진센터(HPC)		0.0		0.0		0.0	5,889	100.0		0.0		0.0	5,889	0.8
응급의학과(EMD)														
응급실(ER)	39,733	90.8	2,984	6.8	18	0.0	418	1.0	623	1.4	2	0.0	43,778	5.8
물리치료실(PTD)	20,160	76.3	2,580	9.8	2,057	7.8	46	0.2	1,380	5.2	196	0.7	26,419	3.5
인공신장실(AKU)	14,499	84.0	2,753	16.0	0	0.0	3	0.0	0	0.0	0	0.0	17,255	2.3
주사실(IJR)	7,127	94.8	335	4.5	0	0.0	46	0.6	1	0.0	7	0.1	7,516	1.0
계(Total)	661,031	87.7	53,066	7.0	6,007	0.8	28,375	3.8	5,047	0.7	227	0.0	753,753	100.0

구분 과별	퇴원													
	건보		산재		자보		급여		일반		기타		계	과별
	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	(%)	환자수	구성비(%)
내과(IM)	11,230	90.1	16	0.1	2	0.0	1,213	9.7	7	0.1	2	0.0	12,470	36.2
소아청소년과(PD)	885	96.5		0.0		0.0	31	3.4	1	0.1		0.0	917	2.7
신경과(ND)	1,382	92.3		0.0		0.0	115	7.7	1	0.1		0.0	1,498	4.4
정신건강의학과(NP)	260	97.4	3	1.1	4	1.5		0.0		0.0		0.0	267	0.8
피부과(DM)	47	95.9		0.0		0.0	2	4.1		0.0		0.0	49	0.1
외과(GS)	5,951	91.5		0.0	9	0.1	531	8.2	10	0.2		0.0	6,501	18.9
흉부외과(TS)	510	89.6		0.0	3	0.5	53	9.3	2	0.4	1	0.2	569	1.7
성형외과(PS)	328	86.1	4	1.0	20	5.2	17	4.5	12	3.1		0.0	381	1.1
정형외과(OS)	2,384	84.7	135	4.8	109	3.9	183	6.5	4	0.1		0.0	2,815	8.2
신경외과(NS)	2,048	90.5	6	0.3	31	1.4	175	7.7	3	0.1		0.0	2,263	6.6
산과(OB)	485	99.0		0.0		0.0	3	0.6	2	0.4		0.0	490	1.4
부인과(GY)	1,743	93.2		0.0		0.0	124	6.6	4	0.2		0.0	1,871	5.4
안과(OT)	1,125	90.7	10	0.8	4	0.3	84	6.8	17	1.4		0.0	1,240	3.6
이비인후과(OL)	1,298	94.7	1	0.1	1	0.1	66	4.8	4	0.3		0.0	1,370	4.0
비뇨의학과(UR)	964	94.1	2	0.2	1	0.1	52	5.1	5	0.5		0.0	1,024	3.0
치과(DS)														
방사선종양학과(RO)														
재활의학과(RM)	375	89.7	6	1.4	13	3.1	24	5.7		0.0		0.0	418	1.2
가정의학과(FM)	45	100.0		0.0		0.0		0.0		0.0		0.0	45	0.1
통증클리닉(PC)	102	75.0	19	14.0	1	0.7	14	10.3		0.0		0.0	136	0.4
직업환경의학과(OEM)		0.0		0.0		0.0		0.0		0.0		0.0	0	0.0
핵의학과(NM)	107	95.5		0.0		0.0	5	4.5		0.0		0.0	112	0.3
인터벤션클리닉(IRC)														
암통합진료센터(CAN)														
영상의학과(RD)														
건강관리과(HC)														
건강증진센터(HPC)														
응급의학과(EMD)														
응급실(ER)														
물리치료실(PTD)														
인공신장실(AKU)														
주사실(IJR)														
계(Total)	31,269	90.8	202	0.6	198	0.6	2,692	7.8	72	0.2	3	0.0	34,436	100.0

5. 수술환자 과별 통계

진료과	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
내과(IM)	0	4	6	0	0	1	1	1	0	2	2	0	17	
소아청소년과(PD)	0	0	0	0	0	0	0	0	0	0	0	0	0	
피부과(DM)	0	0	0	0	0	0	0	0	0	0	0	0	0	
외과(GS)	304	320	315	349	392	353	365	349	362	372	358	324	4,163	
흉부외과(TS)	36	37	35	57	46	41	39	46	49	59	58	50	553	
성형외과(PS)	67	72	74	69	67	54	70	55	60	94	66	58	806	
정형외과(OS)	357	305	330	326	339	306	296	262	333	326	305	306	3,791	
신경외과(NS)	90	105	94	87	87	75	79	57	83	100	67	78	1,002	
산부인과(OBGY)	66	103	91	113	93	99	114	98	98	105	117	114	1,211	
안과(OT)	230	230	238	301	303	282	260	280	279	374	312	296	3,385	
이비인후과(OL)	128	96	88	114	134	77	94	95	106	123	102	106	1,263	
비뇨의학과(UR)	89	73	83	97	100	93	79	81	78	96	98	89	1,056	
치과(DS)	0	0	0	0	0	0	0	0	0	0	0	0	0	
인터벤션클리닉(IRC)	0	0	0	0	0	1	2	1	0	1	0	1	6	
통증클리닉(PC)	0	0	1	0	1	0	0	0	2	2	0	1	7	
계(Total)	1,367	1,345	1,355	1,513	1,562	1,382	1,399	1,325	1,450	1,654	1,485	1,423	17,260	

6. 마취 통계

구분	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
전신마취 (General)	664	671	676	770	787	700	718	671	764	783	755	700	8,659	
척추마취 (Spinal)	115	101	113	117	136	95	101	91	88	126	100	91	1,274	
경막외마취(Epidural)	2	0	0	0	0	0	1	1	2	1	0	1	8	
상박신경총차단마취 (B.P.B)	2	2	6	9	9	3	3	7	2	2	2	2	49	
미추마취(Caudal)	0	0	0	0	0	0	0	0	0	0	0	0	0	
신경차단마취 (Nerve Block)	0	0	1	0	0	0	0	0	0	0	0	0	1	
정맥부분마취 (IV Regional)	0	0	0	0	0	0	0	0	0	0	0	0	0	
척추&경막외 (Spina&Epidura)	2	0	1	0	0	0	2	4	5	4	3	2	23	
국소마취(Local)	561	561	535	588	601	563	549	530	558	705	600	602	6,953	
계	1,346	1,335	1,332	1,484	1,533	1,361	1,374	1,304	1,419	1,621	1,460	1,398	16,967	

7. 응급의료센터 환자 통계

과별	월별		2020년									2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
내과(IM)	689	641	739	690	752	563	565	763	622	642	611	584	7,861	
소아청소년과(PD)	82	89	124	123	167	107	107	153	180	143	152	158	1,585	
신경과(ND)	102	88	113	97	125	88	95	89	119	85	96	77	1,174	
정신건강의학과(NP)	13	5	22	25	28	6	14	14	13	16	19	10	185	
피부과(DM)													0	
외과(GS)	50	81	98	110	102	111	109	114	89	75	68	84	1,091	
흉부외과(TS)	28	29	33	22	23	16	17	16	26	25	39	12	286	
성형외과(PS)	39	43	44	46	43	17	33	46	37	9	18	11	386	
정형외과(OS)	130	154	177	181	185	136	125	189	165	145	166	146	1,899	
신경외과(NS)	78	144	151	119	125	113	117	117	127	127	130	116	1,464	
산부인과(OBGY)	23	52	51	58	60	21	48	57	48	39	42	50	549	
안과(OT)	34	40	59	64	42	31	48	32	41	47	36	48	522	
이비인후과(OL)	45	55	71	68	59	36	50	88	47	46	68	58	691	
비뇨의학과(UR)	6	6	7	10	14	8	7	7	8	15	9	15	112	
치과(DS)													0	
방사선종양학과(RO)													0	
재활의학과(RM)			2		1	3	2			2		2	12	
가정의학과(FM)									64				64	
핵의학과(NM)								1					1	
통증클리닉(PC)				1	1								2	
직업환경의학과(OEM)										3			3	
인터벤션클리닉(IRC)													0	
영상의학과(RD)													0	
응급의학과(EMD)	1,743	1,829	2,390	2,329	2,564	2,492	1,994	2,353	2,035	1,886	2,029	2,247	25,891	
계(Total)	3,062	3,256	4,081	3,943	4,291	3,748	3,331	4,039	3,621	3,305	3,483	3,618	43,778	
일반환자	45	28	24	29	35	37	25	45	36	36	39	39	418	
보험환자	3,017	3,228	4,057	3,914	4,256	3,711	3,306	3,994	3,585	3,269	3,444	3,579	43,360	
응급실 경유 입원환자수	621	637	725	756	822	627	688	799	737	720	713	679	8,524	
D.O.A.	0	0	3	0	0	3	0	2	1	1	1	3	14	

8. 사망 통계

진료과	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
48시간 이전 사망	3	5	4	0	9	3	4	4	5	4	6	4	51		
48시간 이후 사망	49	44	43	54	45	57	56	68	67	58	57	43	641		
입원사망 계	52	49	47	54	54	60	60	72	72	62	63	47	692		
조사망률 (%)	2.0	1.7	1.7	1.7	1.6	2.1	2.1	2.6	2.5	2.0	2.2	1.7	2.0		
순사망률 (%)	1.9	1.6	1.5	1.7	1.4	2.0	2.0	2.5	2.3	1.9	1.6	1.6	1.9		
산모사망수	0	0	0	0	0	0	0	0	0	0	0	0	0		
산모사망률 (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
신생아사망수	0	2	0	0	2	0	0	1	0	2	0	0	7		
신생아사망률 (%)	0.0	7.4	0.0	0.0	6.7	0.0	3.8	3.1	0.0	7.7	0.0	0.0	2.2		
응급실사망수	20	19	14	11	11	12	18	12	13	15	16	20	181		
D.O.A	0	0	3	0	0	3	0	2	1	1	1	3	14		
P.O.D	4	3	3	0	1	4	2	4	8	5	4	1	39		
Autopsy	0	0	0	1	3	1	0	2	2	1	0	0	10		

9. 분만 통계

구분	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Normal	7	5	5	2	8	6	10	8	10	13	6	6	86		
Vacuum	0	0	0	0	0	0	0	0	0	0	0	0	0		
Breech	0	0	0	0	0	0	0	0	0	0	0	0	0		
C/Sec	12	21	19	15	14	9	27	20	10	14	11	14	186		
총 분만수	19	26	24	17	22	15	37	28	20	27	17	20	272		
Twin	3	9	5	6	9	2	7	2	1	4	5	1	54		
Stillbirth	0	0	0	0	1	0	3	1	1	1	0	1	8		

10. 신생아 통계

구분	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
정상아	8	7	12	5	12	6	8	9	8	6	2	3	86		
Sick baby	본원출산	10	21	24	20	18	11	24	23	17	20	24	21	233	
	외부출산	7	9	5	9	9	13	5	7	13	6	9	7	99	
계	25	37	41	34	39	30	37	39	38	32	35	31	418		
쌍생아(명)	7	16	12	12	12	10	14	2	4	7	12	2	110		
저체중아 (lessthan500~2499g)	12	18	9	12	9	11	20	9	7	11	16	8	142		
사망	본원출산	0	2	0	0	2	0	0	1	0	2	0	0	7	
	외부출산	0	0	0	0	0	0	0	0	0	0	0	0	0	

11. 과별 전과 환자수 통계

TO BY	IM	PD	NM	NP	DM	GS	TS	PS	OS	NS	GY	OT	OL	UR	DS	RO	RM	FM	AN	IRC	ND	ETC	계
	내과 (IM)			39	4		537	33	3	72	66	10	2	7	36		1	42		3			6
소아청소년과 (PD)	1					45	7		2	2	2	10					1						70
신경과 (ND)	62					3	5	1	8	62			1				99	1	3			1	246
정신건강의학과 (NP)	3		1						1										1				6
피부과 (DM)	1		1																				2
외과 (GS)	105	40	4				3	4	9	8	8		2	19			2		1			4	209
흉부외과 (TS)	21	7				1			10					2			5						46
성형외과 (PS)	7					2			4	1													14
정형외과 (OS)	125		6	1		10	8	9		16	1		3	2			122					1	304
신경외과 (NS)	106	4	10			12	1	10	25		1		2	4			113					1	289
산부인과 (OBGY)	7					14		1														3	25
안과 (OT)	2	10	3					1		1													17
이비인후과 (OL)	14	1	1							3				1					1				21
비뇨의학과 (UR)	21					18				1			1				1		1				43
치과(DS)																							0
방사선종양학과 (RO)									7														7
재활의학과 (RM)	19		7			1	1			11	1			1									41
가정의학과 (FM)									2														2
통증클리닉 (PC)	2		2	2									1				1						8
핵의학과 (NM)																							0
인터벤션클리닉 (IRC)																							0
영상의학과 (RD)																							0
응급의학과 (EMD)	16		7	2		5			1	1	4			5									41
계 (Total)	512	62	81	9	0	648	58	29	141	172	27	12	17	70	0	1	386	1	10	0	0	16	2,252

12. 과별 협의 진단수 통계

BY \ TO	IM	PD	NM	NP	DM	GS	TS	PS	OS	NS	GY	OT	OL	UR
내과(IM)	12,840	4	2,165	1,073	1,011	2,100	420	486	1,381	589	209	467	741	1,118
소아청소년과(PD)	22	169	5	25	29	72	11	24	34	16	9	277	32	13
신경과(NM)	2,727		0	176	129	98	60	54	271	219	43	171	181	174
정신건강의학과(NP)	131	18	49		39	10	4	14	43	17	23	19	24	19
피부과(DM)	17	1	5						2		1	17	4	
외과(GS)	3,337	7	235	164	131	124	86	231	250	73	90	67	93	296
흉부외과(TS)	660	1	61	22	19	13		7	38	18	4	12	28	54
성형외과(PS)	267	3	24	24	9	7	14		64	44	5	115	10	7
정형외과(OS)	6,190	22	433	374	247	159	141	243	658	263	38	127	170	416
신경외과(NS)	4,558	15	156	143	199	213	93	238	476	96	31	184	286	248
산부인과(OBGY)	722		35	21	50	158	6	29	67	19		49	25	105
안과(OT)	140	3	6		6			18	7	6		1	6	1
이비인후과(OL)	580	6	59	22	31	8	19	7	42	19	2	27	25	17
비뇨의학과(UR)	865		60	38	35	88	14	6	41	34	10	13	10	
치과(DS)	0													
방사선종양학과(RO)	0													
재활의학과(RM)	697	7	137	80	63	44	27	26	188	129	10	41	73	94
가정의학과(FM)	1								4		3		1	
통증클리닉(PC)	126		46	149	27	21	2	2	50	2	11	22	19	17
핵의학과(NM)	0													
인터벤션클리닉(IRC)	0													
영상의학과(RD)	0													
응급의학과(EMD)	679	2	33		24	44	21		14	13	2	2	3	12
계(Total)	34,559	258	3,509	2,311	2,049	3,159	918	1,385	3,630	1,557	491	1,611	1,731	2,591

BY \ TO	DS	RO	RM	FM	AN	SW	CP	RD	IRC	ND	ETC	건수	환자수
내과(IM)	125	288	1601	32	218	274	709	350	1980	3	1434	31,618	6,985
소아청소년과(PD)	2		215		1	1	64	39	2		21	1,083	315
신경과(NM)	23	1	584	22	85	45	48	67	49	1	136	5,364	1,076
정신건강의학과(NP)	14		6	2	15	66	3	2			2	520	181
피부과(DM)	1		1		2		1				1	53	23
외과(GS)	18	35	197	10	190	80	13	284	350		524	6,885	2,166
흉부외과(TS)		1	108		39	26	2	23	15	1	44	1,196	269
성형외과(PS)	9		2	1	12	8		1	5		8	639	181
정형외과(OS)	29	6	363	22	216	96	12	56	167		272	10,720	1,636
신경외과(NS)	15	26	1221	15	191	153	4	62	142		259	9,024	1,307
산부인과(OBGY)	2	34	47		14	20	1	18	86		61	1,569	565
안과(OT)	1					2					5	202	85
이비인후과(OL)	27	22	37		8	4	3	16	4	2	31	1,018	313
비뇨의학과(UR)	1	8	20	1	15	15	2	6	50		37	1,369	414
치과(DS)												0	
방사선종양학과(RO)												0	
재활의학과(RM)	9	1	4	3	8	9	9	4	14		32	1,709	350
가정의학과(FM)			5					1			1	16	12
통증클리닉(PC)	2		118	3		4		32	6			659	123
핵의학과(NM)												0	
인터벤션클리닉(IRC)												0	
영상의학과(RD)												0	
응급의학과(EMD)			3		3	17	63	16	288		8	1,247	129
계(Total)	278	422	4,532	111	1,017	820	934	977	3,158	7	2,876	74,891	16,130

13. 사회사업과 통계

1) 과별 통계

진료과	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
내과	111	103	104	124	113	113	56	78	127	112	139	107	1,287		
소아청소년과	0	0	0	0	0	1	0	0	4	1	0	4	10		
통증클리닉	10	5	0	3	3	0	0	0	0	3	3	2	29		
외과	37	35	24	42	46	47	43	46	40	30	45	21	456		
흉부외과	18	12	12	2	3	4	21	17	10	10	17	13	139		
성형외과	3	4	4	0	5	3	0	7	0	7	2	8	43		
정형외과	35	54	33	37	30	30	45	42	23	26	69	40	464		
신경외과	54	56	62	58	45	62	62	61	41	80	61	73	715		
산부인과	6	11	11	7	9	16	3	0	8	7	13	5	96		
인공신장실	0	0	0	4	0	2	0	0	0	0	0	0	6		
안과	3	4	6	3	3	0	8	0	3	2	0	3	35		
이비인후과	0	0	1	3	9	0	3	8	1	4	1	2	32		
비뇨의학과	1	3	7	12	7	11	4	1	17	16	6	7	92		
치과	0	2	3	1	0	1	1	0	0	0	0	0	8		
신경과	15	29	21	26	13	9	1	16	40	15	12	7	204		
재활의학과	0	3	3	10	6	0	0	5	4	13	11	3	58		
방사선종양학과	1	2	0	0	0	4	0	0	0	0	0	0	7		
가정의학과	0	0	0	0	7	3	3	3	0	8	2	19	45		
정신건강의학과	3	5	4	3	0	2	2	1	0	2	6	0	28		
피부과	0	0	0	0	0	0	0	0	0	0	0	0	0		
응급실	7	0	0	11	1	0	0	0	2	17	13	4	55		
계(Total)	304	328	295	346	300	308	252	285	320	353	400	318	3,809		

2) 문제별 통계

문제별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
경제적 문제	224	202	112	160	148	137	108	129	165	163	194	211	1,953		
심리사회적 문제	38	40	52	67	53	61	53	65	63	75	68	24	659		
재활상담	0	0	3	3	0	0	0	0	0	0	0	0	6		
지역사회자원	14	39	72	71	49	57	38	42	34	59	71	37	583		
장기이식	4	14	9	1	7	4	2	0	2	0	5	0	48		
퇴원계획	24	33	47	44	43	49	51	49	56	56	62	46	560		
계(TOTAL)	304	328	295	346	300	308	252	285	320	353	400	318	3,809		

14. 각종 기능검사 통계

구분	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Audiometry	301	356	341	405	390	248	275	352	395	410	393	338	4,204	
Bronchoscopy	117	101	136	143	131	100	125	126	103	111	115	87	1,395	
Gastroscopy	757	1,017	1,284	2,069	2,188	1,831	1,473	1,746	2,250	1,954	1,345	1,242	19,156	
Sigmoidscopy	44	56	43	64	71	66	50	61	60	74	61	51	701	
Colonoscopy	335	365	457	695	731	701	548	575	694	645	587	453	6,786	
ESWL	4	5	14	11	12	1	2	4	7	9	6	11	86	
ESWT	23	39	36	43	48	56	35	33	43	33	38	49	476	
EEG	233	217	203	256	277	233	242	205	192	191	198	190	2,637	
EMG	1,485	1,583	1,611	1,981	2,277	1,744	1,809	1,713	1,919	1,984	1,673	1,594	21,373	
EKG	1,714	1,748	1,829	2,324	2,339	2,310	2,184	2,250	2,420	2,605	2,397	2,360	26,480	
HOLTER	194	193	169	234	269	192	187	154	184	170	197	172	2,315	
GXT	80	96	80	129	140	70	86	63	78	72	88	93	1,075	
PFT	951	1,190	1,340	1,780	1,585	1,362	1,288	1,333	1,458	1,181	897	1,063	15,428	
USG(OBGY)	605	777	842	953	980	925	918	932	986	1,014	932	942	10,806	
계(TOTAL)	6,843	7,743	8,385	11,087	11,438	9,839	9,222	9,547	10,789	10,453	8,927	8,645	112,918	

15. 지역별 환자 통계

Residence	Div	외래환자(초진)		퇴원환자	
		환자수	비율(%)	환자수	비율(%)
부산시 강서구		385	0.3	140	0.4
부산시 금정구		3,669	3.0	1,398	4.1
부산시 남구		5,309	4.4	2,042	5.9
부산시 동구		403	0.3	194	0.6
부산시 동래구		5,255	4.4	2,049	6.0
부산시 진구		2,568	2.1	1,036	3.0
부산시 북구		1,373	1.1	556	1.6
부산시 사상구		808	0.7	325	0.9
부산시 사하구		662	0.5	284	0.8
부산시 서구		231	0.2	76	0.2
부산시 수영구		7,791	6.5	2,669	7.8
부산시 연제구		4,620	3.8	1,628	4.7
부산시 영도구		438	0.4	183	0.5
부산시 중구		121	0.1	43	0.1
부산시 해운대구		58,613	48.6	11,916	34.6
부산시 기장군		14,350	11.9	4,004	11.6
울산시		3,229	2.7	1,275	3.7
경남		6,997	5.8	3,511	10.2
기타		3,816	3.2	1,107	3.2
계(Total)		120,638	100.0	34,436	100.0

16. 종합건강증진센터 통계

1) 건강관리과 통계

구분		월별	2020년										2021년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
건강 검진	초진	지역가입자, 직장피부양자	140	247	359	573	645	512	345	577	796	740	322	334	5,590
	초진	직장가입자(일반)	43	87	135	612	599	349	233	398	538	476	116	123	3,709
	초진	학생검진	0	0	0	0	0	0	0	0	0	0	0	0	0
	계		183	334	494	1,185	1,244	861	578	975	1,334	1,216	438	457	9,299
특수 검진	초진	순수특수검진	1	3	6	63	121	139	89	53	129	70	28	56	758
	초진	일반+특수검진	0	0	25	567	267	96	141	102	57	94	0	2	1,351
	계		1	3	31	630	388	235	230	155	186	164	28	58	2,109
채용 배치 전	초진	채용시 건강진단	40	20	19	16	22	235	17	7	16	23	23	55	493
	초진	배치전 건강진단	1	0	0	1	0	1	2	1	2	2	0	1	11
	계		41	20	19	17	22	236	19	8	18	25	23	56	504
재진	2차 건강진단 (정밀검사)		0	1	0	7	28	21	42	22	31	22	8	2	184
초진	특정암검사		429	732	867	1,227	1,383	1,202	832	1,294	1,778	1,627	844	854	13,069
초진	간이종합검진		51	90	137	848	606	261	136	225	326	317	129	143	3,269
초진	기타		254	112	129	222	185	171	138	162	436	393	201	206	2,609
초진	외래		0	0	0	0	0	0	0	0	0	0	0	0	
재진	(직업환경의학과)		0	0	0	0	0	0	0	0	0	0	0	0	
계			959	1,292	1,677	4,136	3,856	2,987	1,975	2,841	4,109	3,764	1,671	1,776	31,043

2) 종합검진센터 통계

구분		월별	2020년										2021년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내국인	남	76	69	168	398	413	358	324	344	400	299	189	145	3,183	
	여	88	72	132	311	358	299	291	294	307	200	164	130	2,646	
외국인	남	1	0	0	1	1	0	4	2	7	10	5	1	32	
	여	2	1	1	1	0	0	6	3	5	6	2	0	27	
계			167	142	301	711	772	657	625	643	719	515	360	276	5,888

▶ 진료 지원부서 통계

1. 영상의학과 통계

1) 항목별 검사 현황

검사별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
일반촬영	31,856	33,751	36,648	41,183	40,903	36,375	32,958	36,624	38,558	35,613	35,796	33,612	433,877		
특수촬영	56	57	55	58	91	56	44	62	61	81	56	59	736		
유방촬영	1,165	1,763	2,060	2,978	3,097	2,657	2,018	2,785	3,218	3,281	2,135	2,293	29,450		
혈관촬영	888	1,019	925	1,061	1,037	907	966	972	884	995	814	826	11,294		
골밀도검사	853	1,098	1,164	1,345	1,333	1,107	965	1,089	1,232	1,209	1,071	1,004	13,470		
전산화단층촬영	5,754	6,097	6,726	7,588	7,596	6,697	6,339	6,803	7,128	7,104	6,579	5,938	80,349		
자기공명영상검사	1,704	2,082	2,250	2,478	2,595	2,150	1,990	2,073	2,124	2,142	2,184	1,934	25,706		
초음파검사	1,888	2,255	2,137	2,693	2,632	2,329	2,000	2,284	2,582	2,557	2,382	2,248	27,987		
건강증진센터	1,242	984	1,406	4,607	4,728	4,367	4,199	4,205	4,540	3,439	2,461	1,770	37,948		
직업환경의학과	454	449	640	1,903	1,663	1,370	883	1,203	1,823	1,700	628	679	13,395		
CD COPY, BMD 결과지	744	830	893	1,032	1,177	968	935	952	946	998	936	854	11,265		
계(TOTAL)	46,604	50,385	54,904	66,926	66,852	58,983	53,297	59,052	63,096	59,119	55,042	51,217	685,477		

2) 일반촬영 현황

부위별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Chest	11,196	11,146	11,195	12,486	12,734	11,699	10,899	12,463	12,476	12,489	12,296	11,524	142,603		
Abdomen & KUB	4,272	4,532	4,521	5,386	5,989	5,072	4,691	5,045	5,350	4,709	4,859	4,714	59,140		
Skull	538	611	806	815	662	539	533	681	739	472	486	506	7,388		
PNS	106	136	172	203	185	128	121	130	178	137	105	114	1,715		
Neck	85	48	72	107	94	91	64	70	95	78	99	70	973		
Nasal bone	65	53	55	75	70	71	38	61	68	88	55	81	780		
Mandible	12	13	27	8	16	12	17	20	15	7	4	16	167		
Zygomatic arch	8	12	33	50	33	36	41	24	24	19	20	23	323		
Orbit	53	82	135	123	119	113	111	87	97	92	81	132	1,225		
Spine	3,030	3,305	4,018	4,139	4,189	3,230	3,152	3,554	3,542	3,659	3,666	3,387	42,871		
Whole spine	161	252	299	443	314	464	338	342	352	354	431	447	4,197		
Pelvis & Hip	1,149	1,190	1,401	1,680	1,693	1,308	1,398	1,495	1,466	1,539	1,497	1,495	17,311		
Shoulder & Clavicle	2,382	2,443	2,330	2,987	2,575	2,664	2,144	2,161	2,602	2,194	2,188	2,144	28,814		
Humerus	64	74	109	154	114	133	102	110	104	99	152	142	1,357		
Elbow & Forearm	985	1,192	1,283	1,441	1,370	1,310	1,172	1,455	1,272	1,196	1,502	1,168	15,346		
Wrist & Hand	1,862	2,195	2,267	2,633	2,691	2,364	2,148	2,368	2,598	2,171	2,235	2,220	27,752		
Upper extremity	10	0	0	0	0	0	4	0	0	0	7	0	21		
Femur	232	246	332	346	442	238	216	263	356	287	259	249	3,466		
Knee	2,460	2,654	2,858	3,551	3,119	2,771	2,491	2,614	2,905	2,368	2,417	2,062	32,270		
Tibia	352	408	442	389	488	370	304	375	422	368	345	257	4,520		
Ankle & Foot	1,756	2,004	2,876	2,493	2,513	2,323	1,770	2,026	2,562	2,236	1,959	1,902	26,420		
Lower extremity	1,077	1,155	1,416	1,668	1,485	1,417	1,194	1,259	1,328	1,042	1,129	953	15,123		
Infantography	1	0	1	6	8	4	10	21	7	9	4	6	77		
기타(CD copy, BMD결과지)	744	830	893	1,032	1,177	968	935	952	946	998	936	854	11,265		
계(TOTAL)	32,600	34,581	37,541	42,215	42,080	37,343	33,893	37,576	39,504	36,611	36,732	34,466	445,142		

3) 특수촬영 현황

월별 부위별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Esophgogram	3	5	2	3	6	2	2	1	3	2	2	5	36	
UGI		2	1	2	4	6	4	6	9	9	1	5	49	
Hypotonic Duo													0	
Small Bowel					1								1	
Enteroclysis													0	
Barium Enema	2			2	3		1	4	1		1	2	16	
Dicogram													0	
T-tube Cholangio													0	
OP Cholangio													0	
IVP		2											2	
AGP		2	2	3	4	5		2	1	2	1	2	24	
RGP								2					2	
RGU			3			3			1	1	2	1	11	
VCUG	2		2	1	1		2	3	2	1		3	17	
Cystogram	7	3	3	4	11	8	6	3	2	5	3	7	62	
HSG				2	1	1	2	2	3	3		1	15	
Myelogram									1	2	1		4	
Arthrogram	1	1	1	2	3	4		4		2	2		20	
Sialogram													0	
Dacryocysto													0	
Fisturo													0	
Video esophgogram	41	41	41	39	57	27	27	35	38	52	43	32	473	
Fluoroscopy													0	
intu		1								1			2	
Cavernosography													0	
Fluoroscopy 5min										1		1	2	
ENBD Tubography													0	
계(TOTAL)	56	57	55	58	91	56	44	62	61	81	56	59	736	

4) 유방촬영 현황

월별 과별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
내과(MED)	6	12	10	16	14	8	12	16	8	8	25	10	145	
핵의학과(NMD)													0	
신경정신과(NPD)													0	
외과(GSR)	740	996	1,017	1,302	1,242	1,103	1,009	1,220	1,174	1,242	1,225	1,290	13,560	
신경과(NEU)		4			6	3		4					17	
정형외과(OSD)			4										4	
신경외과(NSD)						4							4	
재활의학과(REH)										6			6	
성형외과(PSR)													0	
산부인과(GYN)	42	57	41	114	87	58	43	62	78	64	38	26	710	
이비인후과(ENT)												4	4	
비뇨의학과(URO)										4			4	
가정의학과(FMD)	14	10	5	29	25	30	15	13	24	26	17	35	243	
영상의학과(RAD)													0	
흉부외과(CST)													0	
성형외과(PSR)									7				7	
응급의학과(EMD)													0	
통증의학과(PCR)													0	
인터벤션(IRC)													0	
직업환경의학과(HCD)	363	684	983	1,517	1,723	1,451	939	1,470	1,927	1,931	830	928	14,746	
계(TOTAL)	1,165	1,763	2,060	2,978	3,097	2,657	2,018	2,785	3,218	3,281	2,135	2,293	29,450	

5) 혈관검사 현황

부위별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ANGIO														
Head & Neck														
T.F.C.A. 4 Vessel	126	165	132	186	171	138	165	138	132	207	138	177	1,875	
Both Internal Carotid Angio	12	16	32	26	30	28	10	22	10	10	20	8	224	
Both. Internal Carotid Occlusion Balloon													0	
Lt Internal Carotid Angio	6	12	8	10	4	3	5	9	9	7	10	5	88	
Rt Internal Carotid Angio	5	8	8	7	7	10	13	6	10	9	7	3	93	
Both External Carotid Angio	10	12	26	12	10	8	4	20	6	16	8	24	156	
Lt External Carotid Angio	2		5	3	3		3	4	2	4	2	1	29	
Rt External Carotid Angio	1	5	2	2	2		4	1		4	3	6	30	
Both Vertebral Angio		4	4				10	4	2		2	4	32	
Lt Vertebral Angio	4	6	14	10	9	11	5	8	3	3	9	5	87	
Rt Vertebral Angio	2	4	5	4	2	2	1	3	3		5		31	
Both Common Carotid Angio													0	
Lt Common Carotid Angio													0	
Rt Common Carotid Angio													0	
Chest														
Thoracic Aortogram	2	3	4	4	12	7	10	6	3	3	6	1	61	
Both Bronchial Angio			2		6	2	4	4		2	2	2	24	
Lt Bronchial Angio	1				2		1	1		1			6	
Rt Bronchial Angio	1	3	1		4	2	3		1		2		17	
Both Pulmonary Angio													0	
Lt Pulmonary Angio													0	
Rt Pulmonary Angio							1						1	
Both Subclavian Angio			4				2	2		2		2	12	
Lt Subclavian Angio	1		1		3		2	4		1	1		13	
Rt Subclavian Angio		3	1	2	3	1					2		12	
Both Mammary Angio													0	
Lt Mammary Angio	1				1		2	1		1			6	
Rt Mammary Angio		2		1	1	1		1					6	
Abdomen														
Abdominal Aortography	2	3	2	5	4	3	3	2	5	5	1	3	38	
Lt Gastric Angio	1			1	3		1	1	2	3		2	14	
Gastroduodenal Angio	2			1				4		2	2	2	13	
Celiac Angio	23	18	21	27	17	19	17	23	20	19	12	16	232	
SMA Angio	7	11	7	6	10	6	7	13	12	11	5	9	104	
IMA Angio		1		1	4	1	1	3	3		1	1	16	
Hepatic Angio	7	4	13	7	8	6	9	7	4	6	3	5	79	
Splenic Angio		1		1		1		2		1			6	
Both Renal Angio											2		2	
Lt Renal Angio		2		1	1	1	2				2		9	
Rt Renal Angio	1			2		2			3				8	
Both Adrenal Angio													0	
Lt Adrenal Angio		1											1	
Rt Adrenal Angio								1					1	
Both Pudendal Angio													0	
Lt Pudendal Angio													0	
Rt Pudendal Angio													0	
Phrenic Angio	4	1		2	2	4		1	1	2	3		20	
Pelvic Angio													0	
Both Iliac Ateriography		6	2				2	2	4	4	4	4	28	
Lt Iliac Angio				3	1	1	1	1	2	2	1		12	
Rt Iliac Angio				2		1	1		1	1			6	
Both Uterinec Angio	2	2	2	4	4	2	2		4		2	4	28	
Lt Uterine Angio													0	
Rt Uterine Angio													0	
Spinal Angio					1			2			2		5	
Lumbar Angio	2	2		4	1	1			1	1	1		13	
Intercostal Angio	2	3	1	2	5	7	5	5	1	2	2	1	36	
GastroDuodenal													0	

부위별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Upper Extremity														0	
Both Brachial Angio														0	
Lt Brachial Angio											1			1	
Rt Brachial Angio	1													1	
Both Radial Angio														0	
Lt Radial Angio														0	
Rt Radial Angio														0	
Both Hand Angio														0	
Lt Hand Angio														0	
Rt Hand Angio														0	
Lower Extremity														0	
Both Foot Angio			4		2	2							2	10	
Lt Foot Angio	1		1								1	1		4	
Rt Foot Angio		1		1								1	1	4	
Both Tibia Angio		2	4		2	2							2	12	
Lt Tibia Angio	1		1		1						1	1		5	
Rt Tibia Angio				1								1	1	3	
Both Femoral Angio		2	4		2	2							2	12	
Lt Femoral Angio	1		1	1	2					1	1	1		8	
Rt Femoral Angio				2	3							1	1	7	
A-V Shunt Angio														0	
Intervention														0	
Embolization														0	
Head & Neck														0	
Head & Neck Tumor Embolization	1	1		1					1				3	7	
Head/Neck Bleeding Embo									1					1	
Cerebral Aneurysm Embolization														0	
GDC-Coil Embolization	23	31	23	28	24	26	27	20	18	29	25	17		291	
Cerebral AVM Embolization														0	
CCF Embolization	1				2									3	
Dural AVF Embolization		3	1	1			3							8	
Other's order Embo HEAD/NECT			1	1	1	1		1	1	2	1	2		11	
Chest														0	
Other's order Embo CHEST		3			9	4	6	9	1	3	3	3		41	
Bronchial A Embolization	2	2	3		7	1	7	2	1	1	3			29	
Int. Mammary A Embolization	1	1		1	1		1	2		1				8	
Pulmonary A Embolization							1							1	
PDA Coil Embolization														0	
Subclavian A Embolization		1	1	2	3			1		1				9	
Abdomen														0	
Gastroduodenal A Embolization	1							1		1	1			4	
Lt Gastric A Embolization				1	1			1	2	1		1		7	
Pancreatic A Embolization														0	
Portal Vein Embolization											1			1	
Pudnal A Embolization														0	
Renal Embolization	1	1		1	1		2					2		8	
SMA Embolization		2			1			1						4	
IMA Embolization							1	1			1			3	
Hepatic A Embolization	1		1	1	2			2		1				8	
Splenic Embolization				1				1						2	
Hepatic TACE	19	16	21	23	13	18	17	17	14	15	9	14		196	
Intercostal Embolization		1	1	1	3	4	2	2		1	1			16	
Phrenic A Embolization	1			1		1					2			5	
Phrenic V Embolization														0	
Uterine A Embolization	2	2	2	4	4	2	2		2		2	4		26	
Varicocele Embolization														0	
Spinal A Embolization											1			1	
Rectal tumor Embolization														0	
Other's order Embo ABDOMEN	4	9	1	8	3	6	2	2	5	4		4		48	

부위별	일별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Gonadal V Embolization										1				1
Both Prostate A Embolization											2			2
Upper Extremity														0
Both Upper Extremity A Embolization											1			1
Lt Upper Extremity A Embolization														0
Rt Upper Extremity A Embolization														0
Lower Extremity														0
Both Lower Extremity A Embolization						2								2
Lt Lower Extremity A Embolization				1										1
Rt Lower Extremity A Embolization														0
Adrenal vein Embolization														0
Internal Iliac A Embolization				1				1	1	3	5	2		13
External Iliac A Embolization											2			2
Adrenal A Embolization									1					1
Other's order Embo EXTERMITIES				1	1	1				1	1			5
Stent														0
Head & Neck														0
Both Common Carotid Stent Insertion														0
Lt Common Carotid Stent Insertion		2		3	3	1	1	3	3	2	3		2	23
Rt Common Carotid Stent Insertion		1		1	7	2	2	3	2	1	4		1	24
Cerebral A Stent insertion			1	5	2	1	2						1	2
Cerebral Chemoport Infusion														0
Chemoport Infusion (liver)														0
Chest														0
Esophageal Stent Insertion Fluoroscopic														0
Esophageal Stent Insertion, Endoscopic														0
Bronchial Stent Insertion														0
Tracheal Stent Insertion														0
Throacic Aorta Stent Insertion														0
Both Subclavian Artery Stent Insertion														0
Lt Subclavian Artery Stent Insertion				1										1
Rt Subclavian Artery Stent Insertion				1	2							1		4
Both Subclavian Vein Stent Insertion														0
Lt Subclavian Vein Stent Insertion														0
Rt Subclavian Vein Stent Insertion														0
Lt Brachiocephalic Vein Stent Insertion										1				1
Rt Brachiocephalic Vein Stent Insertion										1				1
Abdomen														0
Abdominal Aorta Stent Insertion														0
Hepatic V Stent Insertion						1			1					2
Portal V Stent Insertion		1	1	1				1		2				6
Both Biliary Stent Insertion			4	2	2			2						10
Lt Biliary Stent Insertion					1				1			1	1	4
Rt Biliary Stent Insertion		1		1		2		2			1			7
Gastroduodenal Stent Insertion														0
Mesenteric A Stent Insertion														0
Both Iliac Artery Stent Insertion														0
Both Iliac Vein Stent Insertion														0
Lt Iliac Artery Stent Insertion						1								1
Lt Iliac Vein Stent Insertion														0
Rt Iliac Artery Stent Insertion								1						1
Rt Iliac Vein Stent Insertion														0
Femoral Artery Stent Insertion														0
IVC Stent Insertion			1											1
Rectal Stent Insertion														0
Both Renal Artery Stent Insertion														0
Lt Renal Artery Stent Insertion														0
Rt Renal Artery Stent Insertion										1				1
SMA Stent Insertion														0
Colon Stent														0

부위별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Double J Catheter Insertion Both			2			2	2		4			2		12
Double J Catheter Insertion Lt				2			1					1	2	6
Double J Catheter Insertion Rt				2			1		2		1	1	1	8
IVC Filter Insertion			1						1			2	1	5
Venous Chemoport Insertion		4	2	1		4	3	5	7	6	5	2	1	40
Pyloric stent insertion														0
Upper Extremity														0
Both Upper Extremity Artery Stent Insertion														0
Lt Upper Extremity Artery Stent Insertion		1												1
Rt Upper Extremity Artery Stent Insertion														0
Subclavian Artery Stent Insertion														0
Lower Extremity														0
Both Low Extremity Artery Stent Insertion														0
Both Low Extremity Vein Stent Insertion														0
Lt Low Extremity Artery Stent Insertion				1		2					1		2	6
Lt Low Extremity Vein Stent Insertion														0
Rt Low Extremity Artery Stent Insertion														0
Rt Low Extremity Vein Stent Insertion														0
Balloon Dilatation														0
Head & Neck														0
Carotid A Balloon Dilatation			1		2	1	1	1					1	7
Cerebral A Balloon Dilatation		1	3	1	1		1		1	1	1	1	2	13
Lacrimal Duct Balloon Dilatation														0
Occulusion Balloon test														0
Chest														0
Esophageal Balloon Dilatation Fluoroscopic														0
Bronchial Balloon Dilatation														0
Thoracic Aorta Balloon Dilatation														0
Subclavian A Balloon Dilatation														0
Subclavian V Balloon Dilatation														0
Brachiocephalic V Balloon Dilatation										2				2
Tracheal Balloon Dilatation														0
Abdomen														0
Abdominal Aorta Balloon Dilatation														0
Hepatic A Balloon Dilatation														0
Both Bile Duct Balloon Dilatation														0
Lt Bile Duct Balloon Dilatation													1	1
Rt Bile Duct Balloon Dilatation												1		1
Gastrointestinal Balloon Dilatation														0
Mesenteric A Balloon Dilatation														0
Mesenteric V Balloon Dilatation														0
Ureter Balloon Dilatation														0
Both lower Iliac Vein Balloon Dilatation														0
Both Iliac Artery Balloon Dilatation				2										2
Lt Iliac Artery Balloon Dilatation														0
Rt Iliac Artery Balloon Dilatation														0
Lt Iliac Vein Balloon Dilatation														0
Rt Iliac Vein Balloon Dilatation														0
IVC Balloon Dilatation														0
SVC Balloon Dilatation														0
Both Renal Artery Balloon Dilatation														0
Lt Renal Artery Balloon Dilatation														0
Rt Renal Artery Balloon Dilatation					1									1
Fallopian Tube Balloon Dilatation														0
Esophago-Jejuno Balloon Dilatation														0
SMA Balloon Dilatation														0
Portal V Balloon Dilatation														0
Upper Extremity														0
Both Upper Extremity A Balloon Dilatation														0
Both Upper Extremity Vein Balloon Dilatation														0

부위별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Lt Upper Extremity A Balloon Dilatation														0
Lt Upper Extremity Vein Balloon Dilatation		1	2	4		2	2	4	3	1	1	2	2	24
Rt Upper Extremity A Balloon Dilatation														0
Rt Upper Extremity Vein Balloon Dilatation		1		1	3	1	1	2	3	2	1		2	17
Lower Extremity														0
Both Lower Extremity A Balloon Dilatation														0
Both Lower Extremity V Balloon Dilatation														0
Lt Lower Extremity A Balloon Dilatation		4		1			1					2		8
Lt Lower Extremity V Balloon Dilatation														0
Rt Lower Extremity A Balloon Dilatation				1	1								1	3
Rt Lower Extremity V Balloon Dilatation														0
Both lower iliac V Balloon Dilatation														0
Lt lower iliac V Balloon Dilatation														0
Rt lower iliac V Balloon Dilatation														0
A-V Shunt Balloon Dilatation														0
Drainage														0
P.T.C														0
Both P.T.B.D				2	2									4
Both P.T.B.D-Sono Guide														0
Lt P.T.B.D			4	3	6	3	4		3	2	2		2	29
Lt P.T.B.D-Sono Guide														0
Rt P.T.B.D		6	6	6	6	6	5	13	7	4	4	3	6	72
Rt P.T.B.D-Sono Guide														0
Both P.T.B.D Tube Change					2									2
Lt P.T.B.D Tube Change			2	4	3	1	1	2	4	3	1	3	2	26
Rt P.T.B.D Tube Change		12	16	11	8	10	20	7	4	8	11	4	3	114
P.T.G.B.D		18	15	10	19	19	18	24	18	20	18	4	16	199
P.T.G.B.D-Sono Guide														0
P.T.G.B.D Tubography			1	1	1	2	1		1	2				9
P.T.B.D Cholangiography		3	2	2	5	3	2	9	3		1	2	5	37
PTBD Reposition														0
P.T.B.D Tube Remove					2			3						5
ENBD Tubography														0
T-Tube Cholangiography		1			1	1			3					6
T-Tube Change							1							1
Both P.C.N		6	10	4	10	4	4	8		6	4	4	4	64
Both P.C.N-Sono Guide														0
Lt P.C.N		2	3	6	5	6	2	5	3	5	3	1	4	45
Lt P.C.N-Sono Guide														0
Rt P.C.N		9	2	2	3	6	3	2	3	4	6	4	6	50
Rt P.C.N-Sono Guide														0
Both P.C.N Tube Change			4	4		6	6	2	10	2	2	8	4	48
Lt P.C.N Tube Change		1		5	2	2	4	2	2	2	3	3	2	28
Rt P.C.N Tube Change		5	4	8	3	3	6	2	8	9	3	5	3	59
P.C.N Reposition														0
P.C.N Tube Remove			2											2
P.C.N Tubography		1				1		1			1			4
TIPS		1											1	2
TIPS-Sono Guide														0
TIPS Revision														0
BRTO					1			2		1			1	5
Both Pleural Drainage														0
Both Pleural Drainage-Sono Guide														0
Pleural Drainage														0
Pleural Drainage-Sono Guide														0
Both Abscess Drainage														0
Both Abscess Drainage-Sono Guide														0
Abscess Drainage														0
Abscess Drainage-Sono Guide														0
Abscess Graphy														0
A.G.P		1										1		2

부위별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
PCD		57	45	44	45	55	48	52	57	45	56	53	36	593
PCD Catheter Change		9	25	2	10	12	12	10	10	8	5	7	7	117
PCD Tubography													1	1
Drainage Catheter Remove				2				2	1		1	2	2	10
Removal														0
Stone Removal Transhepatic							1	3						4
Stone Removal Trans T-Tube														0
Stent Removal														0
Esophageal Foreign Body Removal														0
Intravascular Foreign Body Removal														0
Catheter Remove														0
IVC Filter Remove				1										1
Double-J catheter Remove Rt														1
Double-J catheter Remove Lt					1									1
Chemoport Removal		2	2			2		1	1		1	1		10
Thrombolysis														0
Cerebral Artery Thrombolysis(Intracranial)		1	5	2		3	4	1			3	5		24
Axillosubclavian V Thrombolysis														0
Mesenteric A Thrombolysis														0
Both Upper Extremity A Thrombolysis														0
Both Upper Extremity V Thrombolysis														0
Lt Upper Extremity A Thrombolysis														0
Lt Upper Extremity V Thrombolysis														0
Rt Upper Extremity A Thrombolysis														0
Rt Upper Extremity V Thrombolysis		1												1
Both Lower Extremity A Thrombolysis														0
Both Lower Extremity V Thrombolysis														0
Lt Lower Extremity A Thrombolysis														0
Lt Lower Extremity V Thrombolysis														0
Rt Lower Extremity A Thrombolysis														0
Rt Lower Extremity Vein Thrombolysis														0
Both iliac Vein thrombolysis														0
Lt iliac Vein thrombolysis														0
Rt iliac Vein thrombolysis														0
Iliofemoral V Thrombolysis														0
Dialysis shunt Thrombolysis														0
SVC Thrombolysis														0
IVC Thrombolysis														0
Pulmonary A Thrombolysis														0
Portal V Thrombolysis														0
Thrombectomy														0
Percutaneous intravascular atherectomy)														0
(경피적 혈관내 죽종제거술)														0
Percutaneous thrombus remove(경피적 혈전 제거술)		3		1		1	1			1				7
Cerebral Artery Thrombectomy(Intracranial)		7	10	7	9		8	7	15	13	6	11	9	102
Stomy														0
Gastrostomy(위루술)						2		1		2	1		1	7
Gastro-Jujunostomy														0
Entrostomy(장루술)														0
PRG Catheter Change			1						2	1	1		1	6
Therapy														0
Percutaneous Sclerotherapy ~ Cyst			2	1								2	3	8
Venogram														0
Cerebral Venography														0
Orbital Venography														0
Jugular Venography														0
Jugular Direct Puncture Venography						1								1
Subclavian Venography					1									1
Both Adrenal Venography				2		2	2			6			2	14
Lt Adrenal Venography														0

부위별	월별	2020년										2021년		계	
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Rt Adrenal Venography															0
Renal Venography		1			1						1			1	4
Gonadal Venography										1					1
Hepatic Venography		1					1			1					3
IVC Venogram			1	2			1	1		2	5		2	2	16
Perq. Splenoportography															0
Renal Venography									1						1
SVC Venogram		1	1						1		2				5
Transhepatic Portography(Direct Portography)		2	1	1				2	1	1	2	1		1	12
Dialysis Shunt Venography		4	2	7	3	3	3	6	6	4	2	2	4	4	46
Both Arm Venography															0
Rt Arm Venogram			1		1				1						3
Lt Arm Venogram															0
Both Femoral Venogram															0
Rt Femoral Venogram															0
Lt Lower Extremity Venography					1										1
Rt Lower Extremity Venography															0
Lt FemoralVenogram															0
Pelvic Venography															0
Other Study															0
Vertebroplasty															0
Intra-arterial Chemotherapy(IAC)															0
Percutaneous Gastrostomy															0
Vertebroplasty															0
Transluminal Endarterectomy															0
Bile Duct Biopsy															0
VFS															0
Fistulogram															0
Infuse-A-Port (With Angiography)															0
Gastro-Jejunostomy															0
Fluoroscopy 1Min		2	2	1		2			1	1	1				10
Fluoroscopy 10Min							1								1
Fluoroscopy 20Min										1					1
P.T.C															0
Esophagogram															0
Both Dacryocystography				4	2					4			2		12
Lt Dacryocystography										1					1
Rt Dacryocystography										1					1
Skull A-P & Lat view															0
Cavitogram															0
Foreinbody Remove					1										1
FL/US Guided Biopsy															0
Liver			1								1				2
Pancreas															0
Spleen															0
Kidney															0
Abdomen															0
Neck															0
Chest(Lung)															0
Prostate															0
Other Organ															0
FL/US Guided Aspiration															0
Liver				1		1		1	1	1				1	6
Pancreas															0
Spleen															0
Kidney															0
Abdomen		3	1								1				5
Neck															0
Chest(Lung)			1										1	1	3

부위별	월별	2020년										2021년		계	
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Prostate															0
Other Organ							2				1		1		4
Central venous catheter															0
Intra cathetrization for hemodialysis															0
1) Tunnel or subcutaneous implantation method-Sono Guide (터널식 또는 피하매몰 정맥 포트법)															0
Opti flow set (Hemo star, Hemo split)		12	12	6	9	9	7	6	8	6	12	11	5	103	
2) Chemoport-Sono Guide(동맥 포트법)														0	
Chemoport set														0	
3) Non tunnel-Sono Guide(비터널식 카테타 삽입술)														0	
HD catheter (Mahurkar))		2	3					2	7	12	1	7	5	39	
Tunnel Catheter Remove		2	3	2	3	1	4	2	2		3		3	25	
Placement of centralvenous catheter insertion (중심 정맥내 카세타 삽입술)														0	
1) Tunnel or subcutaneous implantation method-Sono Guide (터널식 또는 피하매몰 정맥 포트법)														0	
Opti flow set														0	
2) Chemoport insertion-Sono Guide(동맥 포트법)														0	
Health port venous catheter														0	
Health port introducer														0	
3) Non-tunnel-Sono Guide(비터널식 카테타 삽입술)														0	
Health port venous catheter														0	
Health port introducer														0	
Hickman catheter insertion		4	3	2	9	1		3	2	1	5	4	1	35	
Infusion catheter insertion		8	4	4	9	7	3	2	1	3	6			47	
PICC insertion		79	88	75	72	74	66	69	74	83	73	63	56	872	
Non-Tunnel Catheter Remove				1			1			1				3	
Graft-stent														0	
Aortic graft-stent														0	
Abdominal (Aortic and Iliac) Stent-Graft														0	
Other organ (Extremity) graft-stent														0	
Thoracic Stent-Graft				1										1	
														0	
U/S		316	340	290	361	345	298	325	310	303	332	263	261	3,744	
		888	1,019	925	1,061	1,037	907	966	972	884	995	814	826	11,294	

6) 골밀도 검사 현황

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
내과(MED)		227	314	381	439	388	344	306	325	381	377	339	286	4,107
소아청소년과(PED)		4	6	0	2	2	0	2	2	2	0	8	2	30
신경과(NEU)		14	26	6	16	18	2	0	6	8	4	0	2	102
외과(GSR)		186	265	235	274	224	198	206	232	240	252	238	288	2,838
정형외과(OSD)		180	209	305	265	307	219	213	221	250	268	225	180	2,842
신경외과(NSD)		29	54	22	24	36	40	10	34	20	22	28	26	345
산부인과(GYN)		147	116	102	146	124	120	110	83	106	102	96	74	1,326
비뇨의학과(URO)		16	20	12	16	22	12	4	6	2	12	9	18	149
마취통증의학과(PCR)		8	4	6	10	14	2	8	0	5	4	8	10	79
재활의학과(REH)		6	2	5	18	22	2	14	4	8	4	18	12	115
가정의학과(FMD)		18	16	10	19	24	14	22	26	28	14	14	22	227
직업환경의학과(HCD)		18	62	80	112	146	152	64	142	172	140	84	78	1,250
기타		0	4	0	4	6	2	6	8	10	10	4	6	60
계(TOTAL)		853	1,098	1,164	1,345	1,333	1,107	965	1,089	1,232	1,209	1,071	1,004	13,470

7) CT 검사 현황

과별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
흉부외과(CST)	77	79	83	107	102	89	100	90	93	113	108	97	1,138		
치과(DEN)	0	0	0	0	0	0	0	0	0	0	0	0	0		
피부과(DER)	0	1	0	0	0	0	0	1	0	0	0	0	2		
응급의학과(EMD)	1,837	1,847	2,151	2,054	2,191	1,856	1,804	2,155	2,171	1,889	1,879	1,723	23,557		
이비인후과(ENT)	187	199	168	230	231	157	172	201	191	216	195	202	2,349		
안과(EYE)	6	4	4	6	13	12	10	10	5	10	6	2	88		
가정의학과(FMD)	27	24	16	22	22	16	19	20	27	14	19	14	240		
외과(GSR)	621	726	778	895	851	780	799	792	859	911	874	747	9,633		
산부인과(GYN)	120	105	137	175	180	153	149	126	181	164	139	121	1,750		
직업환경의학(HCD)	9	13	7	18	15	25	7	59	68	61	21	21	324		
종합검진센터(HJC)	192	197	279	565	600	535	426	450	492	494	357	207	4,794		
내과(MED)	1,554	1,685	1,816	2,076	2,055	1,906	1,746	1,763	1,793	1,919	1,785	1,728	21,826		
신경과(NEU)	199	253	236	237	233	223	200	210	204	204	206	175	2,580		
신경정신과(NPD)	0	3	2	5	3	6	3	0	5	5	5	2	39		
신경외과(NSD)	427	417	480	500	429	401	396	397	449	504	391	415	5,206		
정형외과(OSD)	173	164	212	248	216	158	156	167	189	188	215	181	2,267		
소아과(PED)	4	16	6	7	13	5	2	14	7	8	4	6	92		
성형외과(PSR)	33	24	46	53	30	27	38	30	27	37	22	19	386		
재활의학과(REH)	12	11	7	12	19	13	17	7	18	10	20	14	160		
방사선종양학과(ROD)	2	2	5	0	5	2	3	5	3	8	3	4	42		
소아외과(SPD)	0	0	0	0	0	0	0	0	0	0	0	0	0		
비뇨의학과(URO)	262	319	281	361	380	328	283	295	335	335	319	253	3,751		
기타	12	8	12	17	8	5	9	11	11	14	11	7	125		
계(TOTAL)	5,754	6,097	6,726	7,588	7,596	6,697	6,339	6,803	7,128	7,104	6,579	5,938	80,349		

8) MRI 검사 현황

과별	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
내과(MED)	202	196	209	242	250	235	223	186	280	281	220	167	2,691		
소아청소년과(PED)	32	45	34	52	33	44	37	37	43	39	44	37	477		
신경과(NEU)	501	659	641	695	875	623	494	544	422	446	544	503	6,947		
신경정신과(NPD)	6	6	8	10	8	8	15	11	14	13	9	3	111		
외과(GSR)	76	72	62	86	92	84	80	77	123	97	79	69	997		
흉부외과(CST)	1	0	2	3	5	5	2	3	0	3	3	1	28		
성형외과(PSR)	0	0	2	2	2	3	3	0	0	5	1	3	21		
정형외과(OSD)	171	180	227	233	197	172	195	165	207	245	193	202	2,387		
신경외과(NSD)	324	518	587	668	557	546	554	568	483	468	563	509	6,345		
산부인과(GYN)	23	38	30	29	38	29	32	28	34	50	30	18	379		
안과(EYE)	5	6	5	6	7	11	4	6	8	7	4	7	76		
이비인후과(ENT)	29	26	24	37	32	21	22	30	32	36	26	27	342		
비뇨의학과(URO)	17	19	10	22	35	27	20	18	20	34	29	23	274		
치과(DEN)	0	0	0	0	0	0	0	0	0	0	0	0	0		
방사선종양학과(ROD)	1	0	0	0	2	0	1	0	0	0	0	1	5		
재활의학과(REH)	5	3	2	6	11	9	0	10	4	9	3	9	71		
가정의학과(FMD)	0	0	0	0	0	0	0	0	0	1	0	0	1		
응급의학과(EMD)	234	239	277	261	311	218	214	257	323	267	271	260	3,132		
직업환경의학(HCD)	0	0	0	0	0	0	0	0	0	0	0	0	0		
건강증진센터(HJC)	71	52	110	105	112	110	83	122	103	132	153	81	1,234		
기타	6	23	20	21	28	5	11	11	28	9	12	14	188		
계(TOTAL)	1,704	2,082	2,250	2,478	2,595	2,150	1,990	2,073	2,124	2,142	2,184	1,934	25,706		

9) 초음파 검사 현황

과별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
내과(MED)	556	607	540	681	760	666	512	582	645	630	616	543	7338	
소아청소년과(PED)	153	219	183	218	195	175	207	215	230	204	224	219	2442	
신경과(NEU)	21	12	15	19	24	8	11	16	25	24	18	27	220	
신경정신과(NPD)				1	3	1		2					7	
피부과(DER)			2		1	3		1	4				11	
외과(GSR)	725	831	861	1082	974	889	862	905	1045	1011	939	920	11044	
흉부외과(CST)	4	2	4	4		3		1		6	3	3	30	
성형외과(PSR)	2	3	2	1	3		1	3	4	2	2	7	30	
정형외과(OSD)	43	42	47	50	40	42	28	47	35	42	45	41	502	
신경외과(NSD)	8	10	16	26	18	22		22	16	21	16	24	199	
산부인과(GYN)	33	44	47	57	52	39	23	33	36	45	24	26	459	
안과(EYE)		1				1		1			1	4	8	
이비인후과(ENT)	49	93	53	71	80	69	42	59	57	79	51	42	745	
비뇨의학과(URO)	23	16	21	31	37	26	25	19	22	20	25		265	
치과(DEN)													0	
방사선종양학과(ROD)													0	
재활의학과(REH)	6	15	5	6	10	4	11	8		12	15	8	100	
가정의학과(FMD)	10	15	6	11	13	10	11	10	21	12	7	10	136	
응급의학과(EMD)	9	16	16	8	9	14	6	6	15	6	17	7	129	
영상의학과(RAD)												1	1	
건강관리과(HCD)	222	299	310	412	405	350	239	343	403	386	325	334	4028	
기타	24	30	9	15	8	7	22	11	24	57	54	32	293	
계(TOTAL)	1,888	2,255	2,137	2,693	2,632	2,329	2,000	2,284	2,582	2,557	2,382	2,248	27,987	

2. 진단검사의학과 월별 및 종별 통계

검사별	월별		2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Total Procedure	827,115	842,133	877,524	1,015,171	1,045,138	950,873	858,680	935,609	960,468	941,674	887,298	843,003	10,984,686		
Total Patient	103,527	105,236	110,165	127,491	130,527	117,596	106,633	117,708	120,666	120,334	112,102	106,328	1,378,313		
<진단혈액학검사실>															
Total procedure	340,642	349,585	366,972	414,914	426,645	387,159	353,009	382,358	391,977	386,323	368,931	344,061	4,512,576		
Total patient	35,377	36,050	37,807	43,741	44,603	40,733	36,923	40,669	41,278	40,879	38,122	35,599	471,781		
(혈액학)															
Total procedure	272,316	279,716	287,041	322,049	333,147	305,507	277,676	302,045	307,961	305,343	292,554	273,350	3,558,705		
Total patient	29,244	29,993	30,954	35,861	36,575	33,563	30,573	33,796	34,089	33,944	31,572	29,512	389,676		
(요체액)															
Total procedure	68,326	69,869	79,931	92,865	93,498	81,652	75,333	80,313	84,016	80,980	76,377	70,711	953,871		
Total patient	6,133	6,057	6,853	7,880	8,028	7,170	6,350	6,873	7,189	6,935	6,550	6,087	82,105		
<자동화검사실>															
Total procedure	439,056	446,240	462,625	543,076	560,049	511,710	457,149	499,383	512,872	500,840	467,614	452,105	5,852,719		
Total patient	43,259	44,279	46,296	53,418	55,132	49,115	44,632	48,780	49,833	49,397	46,356	44,599	575,096		
(Biochemistry)															
Total procedure	331,138	338,740	353,706	410,994	424,989	391,775	347,362	377,321	391,969	382,297	357,443	339,812	4,447,546		
(Immunology)															
Total procedure	47,191	49,424	55,516	72,181	71,452	62,916	57,673	61,016	63,459	61,159	54,805	51,206	707,998		
(Emergency Lab)															
Total procedure	60,727	58,076	53,403	59,901	63,608	57,019	52,114	61,046	57,444	57,384	55,366	61,087	697,175		
<POCT>															
Total procedure	15,421	13,958	12,779	15,623	14,681	13,437	13,337	17,347	17,130	16,051	14,292	13,444	177,500		
Total patient	3,943	3,602	3,271	3,984	3,714	3,395	3,385	4,398	4,342	4,062	3,644	3,422	45,162		
(MICU) Total procedure	6,776	5,322	5,019	6,623	3,817	4,813	4,616	6,667	6,396	6,112	5,061	4,794	66,016		
(ER) Total procedure	4,157	3,518	3,792	3,771	3,726	3,441	3,011	3,766	3,927	3,812	3,745	3,376	44,042		
(SICU) Total procedure	2,244	2,540	1,846	2,541	3,843	3,055	2,662	4,067	3,625	2,850	2,394	2,351	34,018		
(OR) Total procedure	1,284	1,341	1,433	1,647	2,131	1,159	1,473	1,551	1,752	1,711	1,844	1,701	19,027		
(NICU) Total procedure	960	1,237	689	1,041	1,164	969	1,575	1,296	1,430	1,566	1,248	1,222	14,397		
<수혈의학검사실>															
Total procedure	19,918	18,319	18,780	23,119	24,219	22,091	20,850	22,761	23,135	21,428	20,716	18,179	253,515		
Total patient	6,007	5,915	6,139	7,168	7,206	6,812	6,250	6,788	6,989	6,814	6,679	6,014	78,781		
<유전분자검사실>															
Total procedure	1,498	1,600	1,512	1,746	1,758	1,301	2,523	3,105	2,865	3,352	3,070	3,468	27,798		
Total patient	1,218	1,334	1,284	1,397	1,518	1,152	2,283	2,800	2,648	3,112	2,823	3,171	24,740		

검사별 월별	2020년										1년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
<임상미생물검사실>													
Total procedure	14,504	14,435	15,427	17,815	17,825	15,625	13,634	16,496	16,847	17,132	15,319	14,204	189,263
Total patient	9,109	9,017	9,674	11,256	11,560	10,106	8,361	10,454	11,000	11,166	9,543	8,938	120,184
(Microbiology)													
Total procedure	13,696	13,555	14,057	15,145	14,865	13,176	11,569	14,125	13,878	14,635	13,784	12,921	165,406
Total patient	8,708	8,495	8,960	10,038	10,235	8,949	7,496	9,334	9,546	9,896	8,867	8,330	108,854
(Parasitology)													
Total procedure	808	880	1,370	2,670	2,960	2,449	2,065	2,371	2,969	2,497	1,535	1,283	23,857
Total patient	401	522	714	1,218	1,325	1,157	865	1,120	1,454	1,270	676	608	11,330
<생리기능검사실>													
Total procedure	7,621	8,238	8,226	10,204	10,500	8,835	8,721	8,680	9,500	9,229	8,636	8,360	106,750
Total patient	5,203	5,551	5,514	6,810	7,005	6,077	5,838	5,831	6,336	6,178	6,003	5,780	72,126
<외부수탁검사>													
Total procedure	3,876	3,716	3,982	4,297	4,142	4,152	2,794	2,826	3,272	3,370	3,012	2,626	42,065
Total patient	3,354	3,090	3,451	3,701	3,503	3,601	2,346	2,386	2,582	2,788	2,576	2,227	35,605
-SCL-													
Total procedure	1,168	1,377	1,327	1,571	1,686	1,460	1,300	1,476	1,717	1,667	1,642	1,365	17,756
Total patient	916	1,069	1,087	1,280	1,342	1,195	1,048	1,164	1,282	1,330	1,349	1,104	14,166
-녹십자-													
Total procedure	302	412	431	492	528	511	405	468	639	572	438	483	5,681
Total patient	267	350	347	404	444	440	326	413	513	476	368	382	4,730
-부산백병원-													
Total procedure	339	447	458	547	483	537	478	396	450	600	495	275	5,505
Total patient	280	372	360	463	374	450	392	333	368	491	440	257	4,580
-씨젠의료재단-													
Total procedure	2,067	1,480	1,766	1,687	1,445	1,644	611	486	466	531	437	503	13,123
Total patient	1,891	1,299	1,657	1,554	1,343	1,516	580	476	419	491	419	484	12,129
<종검>													
Total procedure	12,417	10,587	23,085	54,803	59,305	50,621	47,861	49,197	54,379	38,990	26,795	20,638	448,678
Total patient	973	828	1,820	4,340	4,598	3,933	3,725	3,813	4,288	3,109	2,107	1,650	35,184
<신검>													
Total procedure	4,330	5,826	8,099	23,382	21,224	18,648	10,398	14,176	18,284	18,163	7,963	8,844	159,337
Total patient	1,104	1,420	1,750	4,928	4,632	4,115	2,539	3,332	4,355	4,070	1,768	1,936	35,949
<채혈실>													
Total 검체수	32,714	34,596	35,775	40,401	41,065	37,719	34,641	34,855	37,018	37,966	36,068	34,962	437,780
Total patient	13,672	14,168	14,583	16,233	16,170	15,250	14,010	14,030	14,989	15,369	14,473	14,298	177,245

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
<진단혈액검사실>													
Total procedure	340,642	349,585	366,972	414,914	426,645	387,159	353,009	382,358	391,977	386,323	368,931	344,061	4,512,576
Total patient (혈액학)	35,377	36,050	37,807	43,741	44,603	40,733	36,923	40,669	41,278	40,879	38,122	35,599	471,781
Total Procedure	272,316	279,716	287,041	322,049	333,147	305,507	277,676	302,045	307,961	305,343	292,554	273,350	3,558,705
Total Patient (Routine)	29,244	29,993	30,954	35,861	36,575	33,563	30,573	33,796	34,089	33,944	31,572	29,512	389,676
WBC	21,062	21,638	22,153	24,778	25,616	23,446	21,335	23,053	23,596	23,427	22,507	20,982	273,593
RBC	21,060	21,637	22,152	24,744	25,611	23,446	21,333	23,049	23,595	23,426	22,504	20,968	273,525
Hgb	21,267	21,956	22,638	26,373	27,022	24,566	22,024	24,061	24,908	24,672	22,938	21,447	283,872
Hct	21,082	21,645	22,158	24,673	25,571	23,667	21,335	23,042	23,598	23,431	22,515	21,005	273,722
MCV	20,943	21,530	22,044	24,547	25,432	23,297	21,202	22,913	23,465	23,291	22,395	20,864	271,923
MCH	20,943	21,530	22,044	24,547	25,432	23,297	21,202	22,913	23,465	23,291	22,395	20,864	271,923
MCHC	20,943	21,530	22,044	24,547	25,432	23,297	21,202	22,913	23,465	23,291	22,395	20,864	271,923
RDW-CV	20,943	21,530	22,044	24,547	25,432	23,296	21,202	22,913	23,465	23,291	22,394	20,864	271,921
PLT	21,058	21,635	22,153	24,705	25,567	23,442	21,332	23,040	23,589	23,426	22,507	20,981	273,435
PDW	20,943	21,530	22,044	24,547	25,432	23,296	21,202	22,913	23,465	23,291	22,395	20,864	271,922
MPV	20,943	21,530	22,044	24,547	25,432	23,297	21,202	22,913	23,465	23,291	22,395	20,864	271,923
Ret-He	926	958	1,067	1,255	1,393	1,281	1,002	1,170	1,105	1,136	1,073	975	13,341
Reticulocyte	1,555	1,555	1,640	1,868	2,024	1,850	1,576	1,758	1,677	1,731	1,594	1,449	20,277
IRF	889	912	987	1,155	1,305	1,150	922	1,052	975	1,025	982	860	12,214
IPF	113	124	146	158	149	176	122	171	173	163	133	150	1,778
HPC	14	10	2	4	13	2	13	14	37	13	13	12	147
Total Eosin	27	36	45	39	54	60	34	35	45	43	32	32	482
ESR	2,100	2,112	2,191	2,587	2,622	2,457	2,191	2,277	2,422	2,461	2,191	2,173	27,784
PB Smear Consult	113	124	146	158	149	176	122	171	173	163	133	150	1,778
Blood Cell Morphology	118	134	152	170	167	192	132	178	177	168	136	169	1,893
Differential Count	18,583	19,054	19,526	22,088	22,822	20,934	18,715	20,490	21,013	20,552	19,751	18,626	242,154
Nasal smear Eosinophil	0	0	0	0	0	0	0	0	0	0	0	0	0
Protozoa(Malaria)	5	3	8	5	8	6	8	9	9	46	8	2	117
(Special)													
BT	61	54	51	85	63	72	71	74	86	75	76	86	854
CT	21	15	12	27	20	27	25	18	31	31	19	22	268
PT	5,827	6,221	6,513	7,320	7,434	6,746	6,729	7,510	7,237	7,027	6,810	6,280	81,654
aPTT	5,608	5,627	5,838	6,722	6,788	6,413	5,979	7,094	6,809	6,605	6,193	5,949	75,625
FDP	1,689	1,688	1,753	1,930	2,016	1,828	1,762	2,139	1,965	1,920	1,965	1,974	22,629
D-dimer	1,989	2,014	2,069	2,253	2,352	2,166	2,036	2,396	2,252	2,201	2,314	2,256	26,298
LE Cell	0	0	0	0	0	0	0	0	0	0	0	0	0
Fibrinogen	429	387	350	455	502	512	512	569	532	586	587	500	5,921
AntiThrombin III	487	441	407	510	573	572	560	632	583	612	618	557	6,552
Factor VIII	39	33	27	43	56	47	46	33	40	46	29	32	471
Plasma mixing test	0	1	1	0	0	0	0	0	0	1	1	1	5
Aspirin assay	59	74	81	87	68	53	72	59	59	71	49	51	783
P2Y 12 assay	55	77	85	85	68	51	66	51	56	70	51	50	765
BF. Occult blood	0	0	0	0	0	0	0	0	0	0	0	0	0
Apt test	6	3	6	1	5	5	10	5	3	5	5	2	56
편광현미경검사	23	22	30	32	42	26	22	38	18	17	45	30	345
Osmotic Fragility test	0	1	0	1	1	0	0	0	0	0	0	0	3
Ham's Test	0	0	0	0	0	0	0	0	0	0	0	0	0
Auto Hemolysis Test	0	0	0	0	0	0	0	0	0	0	0	0	0
Sucrose Hemolysis Test	0	0	0	0	0	0	0	0	0	0	0	0	0
Lupus anticoagulant (screening)	91	65	65	83	116	80	93	79	76	83	76	56	963
Lupus anticoagulant (confirm)	0	0	0	0	0	0	0	0	0	0	0	0	0
Protein C activity	67	46	49	57	75	60	76	52	51	60	47	45	685
Platelet function test(C/Epi)	135	133	145	170	158	125	129	129	146	192	161	147	1,770
Platelet function test(C/ADP)	1	5	5	0	6	2	2	1	2	4	3	5	36
(Bone marrow)													
Bone marrow examination	23	23	30	33	29	23	19	29	32	25	28	33	327
Bone marrow Aspiration	23	23	30	33	29	23	19	29	32	25	28	33	327
Bone marrow Section Finding	23	23	30	33	29	23	19	29	32	25	28	33	327
Iron stain	22	23	30	33	28	22	19	29	31	25	27	33	322

월별 검사별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Peroxidase stain	4	2	3	7	2	0	1	1	3	4	4	5	36
PAS stain	4	2	3	7	2	0	1	1	3	4	4	5	36
LAP stain	0	0	0	0	0	0	0	0	0	0	0	0	0
Esterase (non-specific) stain	0	0	0	0	0	0	0	0	0	0	0	0	0
Esterase (specific) stain	0	0	0	0	0	0	0	0	0	0	0	0	0
QC	2,175	2,076	2,124	2,657	2,789	2,711	2,656	2,634	2,655	2,749	2,710	2,281	30,217
(요체액실)													
Total procedure	68,326	69,869	79,931	92,865	93,498	81,652	75,333	80,313	84,016	80,980	76,377	70,711	953,871
Total Patient	6,133	6,057	6,853	7,880	8,028	7,170	6,350	6,873	7,189	6,935	6,550	6,087	82,105
(Routine Urinarysis)													
color	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Transparncy	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Glucose	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Bilirubin	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Ketone body	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
S.G	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Occult Blood	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
pH	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Protein	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Urobilinogen	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Nitrite	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Leukocyte	4,967	5,141	5,896	6,889	6,897	5,987	5,574	5,938	6,233	5,998	5,666	5,200	70,386
Microscopic exam.(Flowcytometry)	2,867	2,906	3,436	4,272	4,368	3,801	3,558	3,524	3,840	3,775	3,240	3,043	42,630
Microscopic exam.	1,733	1,844	2,064	2,147	2,038	1,797	1,668	2,064	2,046	1,867	2,057	1,859	23,184
Dysmorphic RBC	301	332	362	420	385	344	328	338	379	353	275	278	4,095
U.Pregnancy test(Gravindex)	75	105	118	106	122	94	90	113	141	110	109	93	1,276
U.Myoglobin	3	7	6	9	7	10	4	7	3	1	6	6	69
U.Hemoglobin	1	1	4	10	6	9	4	10	0	2	1	0	48
U.Hemosiderin	2	0	4	5	10	8	3	13	6	4	1	2	58
Drug test(Methamphetamine)	29	12	10	9	13	239	7	5	12	11	22	45	414
Cannabinoids(marijuana)	1	1	3	4	2	10	1	0	0	4	10	3	39
Cocaine	1	1	3	4	2	10	1	0	0	4	10	3	39
Morphine	1	1	3	4	2	10	1	0	0	4	10	3	39
S.Osmolality	280	189	192	201	224	181	130	180	187	191	171	145	2,271
U.Osmolality	291	194	210	243	267	217	167	223	226	234	204	174	2,650
Pneumoniae Ag	120	99	69	80	81	60	57	72	78	83	85	79	963
(Body Fluid)													
Color	333	274	295	294	351	331	265	274	252	259	239	281	3,448
Appearance	333	274	295	294	351	331	265	274	252	259	239	281	3,448
S.G.	333	274	295	294	351	331	265	274	252	259	239	281	3,448
PH	333	274	295	294	351	331	265	274	252	259	239	281	3,448
Clot formation	333	274	295	294	351	331	265	274	252	259	239	281	3,448
R.B.C	333	274	295	294	351	331	265	274	252	259	239	281	3,448
W.B.C.	333	274	295	294	351	331	265	274	252	259	239	281	3,448
Diff count	333	274	295	294	351	331	265	274	252	259	239	281	3,448
RBC morphology	333	274	295	294	351	331	265	274	252	259	239	281	3,448
Body Fluid Cytospin	8	4	8	11	10	8	8	10	4	7	4	7	89
Semen analysis	4	2	0	2	6	6	5	2	4	3	5	9	48
Induced sputum cytospin	2	3	11	12	13	13	5	10	10	6	9	18	112
기관지세척액(BAL)세포검사	6	10	21	12	19	12	23	20	16	14	15	15	183
QC	2,772	2,684	2,776	2,681	2,771	2,773	2,693	2,765	2,692	2,767	2,767	2,515	32,656
<자동화검사실>													
Total procedure	439,056	446,240	462,625	543,076	560,049	511,710	457,149	499,383	512,872	500,840	467,614	452,105	5,852,719
Total patient	43,259	44,279	46,296	53,418	55,132	49,115	44,632	48,780	49,833	49,397	46,356	44,599	575,096
BIOCHEMISTRY													
Total procedure	331,138	338,740	353,706	410,994	424,989	391,775	347,362	377,321	391,969	382,297	357,443	339,812	4,447,546
Total protein	17,626	18,013	18,520	20,862	21,496	19,714	17,766	19,414	20,175	20,068	19,028	18,082	230,764
Albumin	18,179	18,632	19,057	21,455	22,097	20,358	18,446	20,151	20,765	20,547	19,538	18,489	237,714
Total Bilirubin	17,887	18,388	18,872	21,391	21,824	20,154	18,315	19,891	20,472	20,155	19,063	18,133	234,545
Direct Bilirubin	3,114	2,984	3,347	4,161	4,367	3,893	4,100	4,300	4,489	4,058	3,622	3,299	45,734

검사별 월별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
AST	18,812	19,371	20,153	23,854	24,039	22,082	19,867	21,674	22,606	22,294	20,569	19,479	254,800	
ALT	18,812	19,369	20,152	23,854	24,041	22,080	19,866	21,673	22,605	22,293	20,566	19,478	254,789	
ALP	17,704	18,138	18,648	21,131	21,607	19,922	18,195	19,714	20,326	20,085	18,889	17,955	232,314	
r-GTP	7,547	7,564	8,621	10,828	11,138	9,877	8,332	9,552	10,203	9,554	8,328	7,967	109,511	
LDH	6,985	6,577	7,323	8,408	8,948	8,330	7,235	7,930	8,050	7,187	6,867	6,958	90,798	
CPK	5,901	5,730	6,395	7,169	7,539	7,019	5,943	6,543	6,804	5,840	5,530	5,599	76,012	
Glucose	15,678	16,494	16,964	20,173	20,430	19,367	17,194	18,376	19,477	18,646	17,229	16,290	216,318	
HbA1c	2,851	3,075	3,402	4,156	4,269	3,987	3,578	3,507	3,969	3,849	3,536	3,311	43,490	
Fructosamine	65	63	73	81	72	52	57	59	50	36	26	22	656	
Triglyceride	3,891	4,340	4,638	6,834	6,542	5,955	4,645	4,679	5,393	5,236	4,492	4,172	60,817	
Total Cholesterol	9,223	9,879	10,288	13,150	12,994	12,251	10,765	10,854	11,645	11,520	10,337	9,696	132,602	
HDL Cholesterol	3,700	4,158	4,498	6,685	6,298	5,743	4,474	4,544	5,256	5,094	4,254	4,004	58,708	
LDL Cholesterol	3,561	4,046	4,334	5,692	5,658	5,313	4,037	4,088	4,662	4,439	4,119	3,847	53,796	
Uric acid	6,212	6,123	6,855	7,948	7,910	7,295	6,472	6,815	7,068	6,347	6,280	6,096	81,421	
BUN	18,770	19,128	19,671	22,059	22,630	20,969	18,833	20,179	20,888	20,749	19,765	18,709	242,350	
Creatinine	19,756	20,337	21,056	24,745	25,180	22,923	20,215	22,099	23,080	22,767	21,092	19,965	263,215	
Ca	16,250	16,556	16,943	19,138	19,724	18,245	15,853	17,752	17,866	17,392	16,420	15,733	207,872	
IP	15,458	15,688	16,005	17,952	18,638	17,143	14,736	16,474	16,728	16,476	15,622	14,898	195,818	
Mg	9,637	9,570	10,199	11,315	16,476	15,550	13,747	16,062	16,236	15,950	15,129	14,554	164,425	
Amylase	5,261	5,494	6,015	7,044	7,243	6,520	6,234	6,840	7,204	6,395	5,823	5,591	75,664	
Lipase	4,965	5,217	5,559	6,158	6,262	5,618	5,480	6,040	6,297	5,711	5,335	5,148	67,790	
Transferrin Saturation	288	197	235	351	216	187	261	224	248	370	231	203	3,011	
Fe	798	729	862	1,239	1,124	1,103	1,043	976	1,015	1,052	773	798	11,512	
TIBC	750	649	693	872	786	802	728	688	756	901	676	687	8,988	
Na	17,541	17,724	18,138	20,320	21,174	19,483	17,269	18,949	19,256	19,103	18,133	17,149	224,239	
K	17,543	17,724	18,138	20,320	21,174	19,483	17,269	18,948	19,256	19,103	18,133	17,149	224,240	
Cl	17,541	17,725	18,138	20,319	21,174	19,482	17,268	18,947	19,255	19,103	18,133	17,148	224,233	
PP2hr	37	37	12	29	36	12	22	28	18	23	21	22	297	
OGTT 50g(60분)	12	10	12	15	13	15	9	15	17	8	14	11	151	
OGTT 75g FBS	4	6	7	4	8	10	6	7	9	7	7	4	79	
OGTT 75g 30분	0	1	1	2	3	0	1	1	5	2	2	1	19	
OGTT 75g 60분	4	5	5	3	5	10	5	6	4	5	5	3	60	
OGTT 75g 120분	4	6	6	5	8	10	6	7	9	7	7	4	79	
OGTT 100g FBS	3	4	8	7	6	5	3	2	5	3	7	4	57	
OGTT 100g 60분	3	4	8	7	6	5	3	2	4	3	7	4	56	
OGTT 100g 120분	3	4	8	7	6	5	3	2	4	3	7	4	56	
OGTT 100g 180분	3	4	8	7	6	5	3	2	4	3	7	4	56	
U.Protein	613	630	683	754	766	672	627	619	666	721	724	706	8,181	
U.Abumin	14	9	9	15	11	10	10	8	15	13	16	10	140	
U.Creatinine	867	928	1,071	1,181	1,200	1,057	895	897	929	1,036	1,010	963	12,034	
U.Microalbumin	364	428	509	538	534	480	346	343	359	400	398	366	5,065	
U.Ca	27	19	29	23	33	17	16	18	21	17	18	20	258	
U.IP	12	7	10	1	6	0	6	7	4	9	10	5	77	
U.Mg	3	0	1	1	2	1	1	2	3	0	0	2	16	
U.Uric acid	44	27	63	58	79	28	23	35	28	30	34	34	483	
U.urea nitrogen	43	26	60	48	49	22	27	24	22	47	35	46	449	
U.Amylase	0	0	0	0	0	0	0	0	0	0	0	0	0	
U.Lipase	0	0	0	0	0	0	0	0	0	0	0	0	0	
U.Na	470	446	470	518	555	495	460	508	498	545	525	493	5,983	
U.K	470	446	470	518	555	495	460	508	498	545	525	493	5,983	
U.Cl	470	446	470	518	555	495	460	508	498	545	525	493	5,983	
C.C.R	11	11	20	18	11	14	10	9	11	11	17	13	156	
24hr U.Protein	5	5	9	8	12	10	6	5	9	6	7	8	90	
24hr U.Creatinine	15	17	30	31	27	28	17	16	22	16	23	21	263	
Creatinine eGFR	2,607	2,688	3,048	3,772	3,968	3,931	2,933	2,997	3,239	3,032	2,995	2,745	37,955	
24hr U.Ca	0	1	0	1	0	3	0	0	1	1	0	1	8	
24hr U.IP	0	0	0	0	0	0	0	0	0	0	0	0	0	
24hr U.Mg	0	0	0	0	0	0	0	0	0	0	0	0	0	
24hr U.uric acid	3	0	2	1	2	1	1	0	2	0	0	2	14	
24hr U.urea nitrogen	0	1	3	4	8	4	2	3	3	1	2	3	34	

월별 검사별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
24hr U. Microalbumin	0	0	1	0	1	0	0	0	0	1	0	0	3	
24hr U. Amylase	0	0	0	0	0	0	0	0	0	0	0	0	0	
24hr U. Lipase	0	0	0	0	0	0	0	0	0	0	0	0	0	
24hr U. Na	3	3	2	1	2	3	2	1	4	0	2	5	28	
24hr U. K	3	3	2	1	2	3	2	1	4	0	2	5	28	
24hr U. Cl	3	3	2	1	2	3	2	1	4	0	2	5	28	
BF.M.Protein	224	215	229	231	238	200	185	207	190	218	209	182	2,528	
BF.Glucose	204	200	207	241	254	193	169	209	197	218	199	178	2,469	
BF.LDH	190	183	186	201	220	166	151	194	189	209	177	155	2,221	
BF.Amylase	201	203	186	218	205	183	187	176	218	189	221	185	2,372	
BF.Lipase	47	59	52	64	32	55	66	22	75	17	53	42	584	
BF.CL	141	145	130	142	168	119	120	152	137	159	154	124	1,691	
ADA	190	169	178	223	223	185	173	190	203	218	190	212	2,354	
BF.Albumin	4	10	6	13	9	7	6	13	12	12	6	11	109	
BF.Creatinine	8	30	28	46	50	49	18	16	13	7	30	18	313	
BF.BUN	7	25	28	46	48	41	17	16	8	6	19	17	278	
BF.Triglyceride	82	75	63	98	103	85	75	88	99	106	90	87	1,051	
BF.Cholesterol	25	24	36	47	34	33	35	57	51	63	47	43	495	
Cystatin C	930	997	1,011	1,081	1,188	1,031	1,014	945	993	980	1,007	908	12,085	
S.Cystatin C(eGFR 계산용)	372	418	459	486	540	494	488	460	508	475	503	490	5,693	
Glycated albumin	87	80	76	96	130	185	68	52	57	60	46	51	988	
진단 임상화학 QC	8,495	7,954	7,856	8,413	8,439	10,141	8,348	7,878	8,096	8,410	8,011	8,326	100,367	
면역 혈청														
Total procedure	47,191	49,424	55,516	72,181	71,452	62,916	57,673	61,016	63,459	61,159	54,805	51,206	707,998	
CRP	13,923	14,124	14,543	16,360	16,719	15,650	13,974	15,413	15,613	15,313	14,344	13,755	179,731	
RA	534	537	745	1,232	1,283	1,126	1,070	1,091	1,209	991	747	675	11,240	
ASO	68	72	67	75	77	67	68	68	77	70	68	61	838	
Haptoglobin	49	40	37	55	45	42	32	70	42	51	38	75	576	
Ig G	107	137	161	201	185	178	167	191	197	217	191	167	2,099	
Ig A	82	76	85	103	96	93	94	89	100	106	88	83	1,095	
Ig M	84	77	84	105	96	96	96	91	103	111	92	88	1,123	
Ig E	158	164	182	202	196	176	168	179	166	176	162	175	2,104	
C3	165	176	166	172	197	191	180	180	185	176	185	174	2,147	
C4	152	165	155	157	181	176	173	168	171	164	171	163	1,996	
Widal test	1	6	11	10	2	4	5	4	12	4	4	0	63	
APO A1	540	530	743	963	1,013	1,020	425	384	363	246	185	229	6,641	
APO B	510	513	726	932	975	980	391	362	334	215	165	207	6,310	
LP(a)	503	505	724	929	972	978	385	355	323	204	153	197	6,228	
Homocysteine Total	172	179	313	552	554	472	446	446	437	323	215	194	4,303	
Syphilis reagin test	1,567	1,550	1,903	2,605	2,601	2,353	2,140	2,275	2,389	2,441	2,055	1,862	25,741	
VDRL 정량	35	35	83	105	96	84	110	86	108	125	110	112	1,089	
TPHA	4	4	9	8	11	0	11	11	3	0	9	12	82	
TPHA 정량	1	6	2	3	3	0	3	2	0	0	0	2	22	
HAV IgG	270	234	412	823	892	744	709	729	826	639	467	368	7,113	
HAV IgM	172	201	223	225	223	194	204	226	261	257	217	198	2,601	
HBc Ab IgG	118	131	167	167	155	133	122	150	159	138	135	140	1,715	
HBc Ab IgM	58	59	58	74	74	69	51	90	89	72	52	61	807	
HBe Ag	227	261	266	247	329	247	255	290	254	232	297	221	3,126	
HBe Ab	223	260	262	244	328	247	251	288	253	231	296	220	3,103	
HBs Ag	2,100	2,183	2,607	3,475	3,461	3,052	2,816	3,018	3,159	3,190	2,771	2,481	34,313	
HBs Ab	1,962	2,050	2,426	3,282	3,245	2,895	2,644	2,838	3,002	3,000	2,535	2,340	32,219	
HCV Ab	1,822	1,884	2,309	3,176	3,040	2,513	2,532	2,709	2,830	2,834	2,379	2,157	30,185	
HIV Ab	1,736	1,739	2,099	2,870	2,800	2,333	2,352	2,509	2,602	2,676	2,270	2,045	28,031	
Aldosterone	83	68	59	92	65	80	66	65	63	62	58	65	826	
ANCA 정량	0	8	60	55	90	61	59	63	79	79	58	61	673	
ANCA 정성	28	35	61	54	50	50	46	39	65	74	42	52	596	
Anti-CCP Ab	158	177	203	239	226	178	195	185	199	197	155	170	2,282	
Anti-SS-A (Ro) Ab	50	48	57	60	76	55	51	55	65	105	59	35	716	
Anti-SS-B (La) Ab	47	42	51	58	65	50	46	48	58	95	50	27	637	
Anti-ds DNA IgG 정량	41	48	47	43	61	51	42	44	48	62	52	34	573	

검사별	월별		2020년									2021년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	
Anti-Sm (Smith) Ab	23	21	28	29	42	29	28	18	29	40	23	14	324	
Anti-RNP Ab	22	19	30	33	40	26	30	21	29	41	23	14	328	
Anti Aquaporin 4 IgG Ab	9	13	18	16	30	10	14	10	19	6	17	11	173	
Aspergillus Ag (Galactomannam)	64	45	81	77	108	79	107	123	90	145	105	110	1,134	
IGRA (결핵균특이항원자극INF)	11	9	9	13	21	17	17	12	22	13	13	17	174	
Quantiferon-TB	88	155	62	316	305	179	102	99	181	117	100	99	1,803	
Insulin	243	253	399	806	886	759	709	747	826	631	480	382	7,121	
Transferrin	241	247	253	263	278	213	169	226	220	226	216	175	2,727	
Interleukin 6(IL-6)	176	182	188	235	216	199	233	237	214	231	277	252	2,640	
Anti Cardiolipin Ab IgG	43	58	47	55	88	63	79	53	67	73	50	40	716	
Anti Cardiolipin Ab IgM	42	57	47	54	88	61	79	52	67	71	48	40	706	
Osteocalcin	117	128	153	269	278	249	203	178	197	181	126	111	2,190	
PIVKA	176	173	182	188	188	194	198	209	157	193	174	164	2,196	
NSE	38	46	123	277	278	264	293	246	187	111	56	64	1,983	
DHEA-sulfate	86	104	110	99	103	98	87	91	107	91	119	109	1,204	
HSV igM(H.Simplex virus)	66	70	66	69	69	51	68	83	67	85	73	64	831	
Kappa free light chain (serume)	125	123	136	128	137	146	122	126	141	136	131	123	1,574	
Kappa / Lambda Ration (serume)	104	105	120	110	119	128	106	107	123	118	115	107	1,362	
Kappa free light chain (urine)	6	5	9	6	5	7	5	5	5	3	5	6	67	
Kappa / Lambda Ration (urine)	6	5	9	6	5	7	5	5	5	3	5	6	67	
Lambda free light chain (serume)	125	123	136	128	137	146	122	126	141	136	131	123	1,574	
Lambda free light chain (urine)	6	6	8	6	5	7	5	5	5	3	5	6	67	
Protein EP(Serume)	83	87	89	82	101	86	86	101	94	97	80	80	1,066	
Protein EP(24hr Urine)	8	17	15	13	8	8	7	11	11	15	13	15	141	
Immuno-electrophoresis(serume)	79	82	85	78	96	82	82	97	90	92	76	76	1,015	
Immuno-electrophoresis(urine)	8	17	15	13	8	8	7	11	11	15	13	15	141	
종양표지자														
AFP	912	981	1,232	2,170	2,051	1,534	1,421	1,608	1,636	1,513	1,255	1,090	17,403	
CA 125	579	603	677	1,212	1,186	883	855	889	952	815	745	685	10,081	
CA 15-3	266	275	288	365	349	278	261	291	305	332	282	296	3,588	
CA 19-9	1,256	1,342	1,511	2,634	2,447	1,971	1,850	1,947	2,102	1,876	1,669	1,532	22,137	
CEA	1,479	1,584	1,774	2,953	2,724	2,148	2,101	2,208	2,384	2,218	1,924	1,796	25,293	
Cyfra 21-1	19	23	143	368	333	296	309	289	228	92	25	50	2,175	
Ferritin	815	696	919	1,477	1,457	1,269	1,254	1,251	1,401	1,320	974	865	13,698	
PSA	707	675	868	1,369	1,200	1,037	1,025	1,109	1,191	1,068	922	760	11,931	
Scc Ag	86	89	87	97	84	81	129	96	116	102	104	98	1,169	
β2 Microglobulin	27	13	27	137	32	24	28	26	28	135	30	27	534	
HE4	64	54	68	72	89	66	70	76	86	81	82	72	880	
갑상선 검사														
T3	577	633	712	807	697	648	672	711	766	754	712	695	8,384	
T4	64	66	64	64	65	61	66	69	66	72	69	58	784	
TSH	1,880	2,164	2,258	2,605	2,557	2,243	2,103	2,269	2,366	2,406	2,387	2,267	27,505	
Free T ₄	1,766	2,053	2,173	2,496	2,426	2,120	2,007	2,164	2,263	2,297	2,280	2,170	26,215	
Thyroglobulin	357	404	421	445	333	330	412	395	452	393	400	413	4,755	
Anti-Tg	416	465	487	544	408	403	466	462	521	486	475	484	5,617	
Anti-TPO	235	260	256	340	276	270	226	245	283	264	265	249	3,169	
호르몬 검사														
β HCG	52	60	74	78	70	63	80	68	72	69	65	73	824	
Vitamin B12	265	307	307	349	353	275	272	323	317	346	323	318	3,755	
Folic acid	264	302	301	347	351	262	267	318	303	340	317	308	3,680	
PTH-Intact	465	462	419	493	470	508	529	517	514	541	522	503	5,943	
ACTH	328	320	290	407	394	349	310	349	314	328	372	321	4,082	
Cortisol	397	407	357	496	480	462	388	424	392	399	450	366	5,018	
Estradiol(E ₂)	403	470	511	607	685	593	563	511	563	509	549	487	6,451	
FSH	512	625	675	747	855	773	622	560	643	634	741	641	8,028	
LH(Luteinizing hormone)	396	497	494	458	583	556	391	341	419	432	603	464	5,634	
Prolactin	194	233	251	273	276	256	227	204	243	239	267	194	2,857	
Testosterone	338	340	455	683	741	635	586	631	740	589	488	402	6,628	
Calcitonin	19	24	21	26	26	28	39	26	31	31	31	26	328	
C-Peptide	66	110	89	150	146	91	91	106	112	104	135	111	1,311	

검사별 월별	2020년										2021년		계	
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
TORCH 관련														
CMV IgG	27	21	33	31	36	31	41	44	39	52	25	31	411	
CMV IgM	56	56	73	70	73	61	83	81	70	94	64	63	844	
Rubella IgG	17	12	18	23	27	27	21	26	22	20	19	20	252	
Rubella IgM	30	36	40	39	43	37	48	47	35	50	41	40	486	
Toxoplasma IgM	31	39	43	42	44	45	49	53	41	54	43	44	528	
자가면역검사														
Cryoglobulin	20	22	15	20	20	17	18	17	17	13	17	15	211	
cold agglutinin	15	13	36	30	25	22	23	26	20	17	17	15	259	
Anti Nuclear Ab 정성	95	112	93	128	147	112	101	100	96	112	87	83	1,266	
Anti Nuclear Ab 정량	167	205	258	289	336	255	268	246	271	287	232	227	3,041	
Anti dsDNA Ab 정성	14	18	17	19	20	15	17	24	11	15	14	15	199	
Anti dsDNA Ab 정량	36	48	53	54	61	49	39	46	57	40	42	44	569	
MAST Allergy INHALAN	59	59	66	97	92	63	70	85	81	87	56	55	870	
MAST Allergy FOOD	25	17	25	37	42	33	23	25	21	24	20	16	308	
Deramtophagoides.pterony	5	13	20	16	17	20	23	14	15	19	12	19	193	
Dermatophagoides.farinae	5	13	18	12	12	16	18	10	12	15	9	16	156	
Dog dander(E5)	2	11	9	5	3	9	9	3	3	8	6	12	80	
cat dander(E1)	3	11	13	9	9	8	12	8	7	12	7	14	113	
Cockroach(I6)	2	8	3	5	1	2	3	3	5	7	2	6	47	
Alternaria tenuis	2	12	10	6	4	10	12	4	8	8	5	7	88	
Egg white(F1)	3	6	7	4	10	3	8	8	5	4	8	4	70	
Cow's Milk(F2)	4	6	6	1	9	4	7	6	3	3	7	4	60	
Wheat(F4)	4	10	10	4	9	6	10	8	5	4	8	4	82	
Soybean(F14)	2	6	4	2	8	2	8	6	4	1	7	2	52	
Peanut(F13)	4	5	5	4	10	3	8	9	5	4	8	3	68	
Codfish(F3)	4	4	5	0	6	2	6	5	4	3	5	2	46	
Buckwheat(F11)	1	1	2	0	3	3	6	5	2	0	6	1	30	
Chicken meat(F83)	4	0	3	0	2	1	2	4	4	1	4	4	29	
Cub mackerel(F50)	2	1	3	0	2	0	1	4	6	2	3	1	25	
Common birch silver(T3)	0	2	5	5	1	5	9	2	6	4	0	3	42	
Crab(F23)	1	2	4	3	5	2	5	8	4	6	8	0	48	
Grey alder(T2)	0	2	4	4	0	5	8	1	6	4	0	3	37	
Humulus japonicus(W22)	2	8	3	6	2	0	3	0	2	4	3	5	38	
Japanese cedar(T17)	0	0	4	2	0	0	1	0	1	0	0	0	8	
Mix tree pollen(Tx5)	0	1	5	6	1	2	3	0	2	6	4	6	36	
Molds&Yeasts(Mx2)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pork(F26)	2	2	3	2	4	0	4	5	3	2	3	4	34	
Sesame seed(F10)	0	0	0	2	2	0	1	1	1	0	0	1	8	
Shrimp(F24)	2	4	4	3	7	3	4	9	5	8	8	4	61	
Walnut(F256)	0	2	4	3	7	0	2	3	3	4	4	3	35	
Weed Mix(Wx5)	0	1	10	8	3	6	11	3	5	11	5	11	74	
Mycoplasma pneumonia IgM	38	47	45	61	54	45	43	53	71	52	33	38	580	
Nicotine Metabolite	0	3	123	301	220	228	251	206	189	106	9	44	1,680	
EBV profile EBV VCA IgM	15	16	27	29	24	23	34	45	35	33	17	26	324	
EBV profile EBV EBNA IgG	14	12	25	25	24	21	31	42	33	30	17	26	300	
EBV profile EBV VCA/EA IgG	14	12	25	25	24	21	31	40	32	30	17	26	297	
25-OH Vit.D total	460	456	595	1,096	1,132	950	886	921	1,010	847	672	579	9,604	
TSH Receptor Ab(TSI&TBII)	247	242	275	293	317	296	260	278	271	289	287	264	3,319	
VZV igG	79	65	55	70	122	58	60	71	46	72	57	49	804	
VZV igM	59	49	54	55	62	39	51	57	38	64	43	36	607	
Growth Hormone													54	54
C-telopeptide of collagen													130	130
Anti Liver Kidney Microsomal Ab													29	29
Anti Mitochondrial Ab													62	62
Anti Smooth Muscle Ab													54	54
진단 면역 혈청 QC	3,722	3,372	3,649	3,900	4,142	3,825	3,927	3,838	3,860	2,975	3,160	2,934	43,304	
진단 면역 혈청 QC (바코드 안된것)	670	722	625	644	105	89	79	61	69	97	32	32	3,225	
진단 면역 혈청 QC Total	4,392	4,094	4,274	4,544	4,247	3,914	4,006	3,899	3,929	3,072	3,192	2,966	46,529	

검사별 월별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
ER LAB.														
Total procedure (Blood Gas Analysis)	60,727	58,076	53,403	59,901	63,608	57,019	52,114	61,046	57,444	57,384	55,366	61,087	697,175	
Hemoglobin	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Hematocrit	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
pH	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
PCO ₂	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
PO ₂	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Ca(Ionized)	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Base Excess(ECF)	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Base Excess(Blood)	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Standard Bicarbonate	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Actual Bicarbonate	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
O ₂ saturation	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
O ₂ content	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
n Ca (normalized)	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Na	2,524	2,377	2,075	2,396	2,540	2,410	2,206	2,587	2,374	2,408	2,329	2,697	28,923	
K	2,524	2,377	2,075	2,396	2,540	2,410	2,206	2,587	2,374	2,408	2,329	2,697	28,923	
Cl	2,524	2,377	2,075	2,396	2,540	2,410	2,206	2,587	2,374	2,408	2,329	2,697	28,923	
Total CO ₂	2,615	2,495	2,210	2,521	2,692	2,514	2,331	2,725	2,521	2,551	2,470	2,816	30,461	
Ca(Ionized)	225	237	182	237	224	246	267	283	292	246	270	259	2,968	
Mg(Ionized)	96	89	90	91	92	93	90	91	94	90	92	87	1,095	
Lactic acid	2,458	2,318	2,014	2,345	2,507	2,370	2,120	2,488	2,283	2,274	2,130	2,554	27,861	
Met-Hb	94	92	96	92	96	101	92	92	95	96	92	89	1,127	
Carboxy Hb	97	89	97	90	94	96	94	99	97	100	96	92	1,141	
CK-MB	2,715	2,695	2,938	3,137	3,388	2,790	2,572	3,107	3,121	2,821	2,802	2,755	34,841	
TNI	2,732	2,681	2,952	3,129	3,373	2,773	2,557	3,100	3,109	2,814	2,776	2,750	34,746	
Myoglobin	138	143	101	118	131	138	128	113	147	129	124	92	1,502	
Pro-BNP	826	865	921	987	980	783	727	777	805	823	808	789	10,091	
Ethanol test	191	175	192	203	230	183	176	193	188	176	200	190	2,297	
FK506(Tacrolimus)	214	232	209	284	328	289	293	400	259	243	272	254	3,277	
Ammonia	377	358	406	378	507	393	400	475	445	458	480	359	5,036	
Procalcitonin	877	833	924	915	899	847	812	986	955	914	829	859	10,650	
TSB (Capillary)	13	20	9	8	9	5	2	2	8	2	5	1	84	
Total CO ₂ content	4,317	4,244	4,169	4,478	4,559	2,642	1,753	1,981	2,139	2,260	1,909	1,537	35,988	
Ketone 정상	237	229	260	241	281	236	212	236	234	234	262	235	2,897	
Cyclosporine	57	62	70	61	65	56	57	69	70	102	100	69	838	
Influenza A,B viral Ag (현장)	238	89	50	36	40	20	38	142	168	170	88	69	1,148	
Valproic acid	91	74	90	90	105	120	113	88	98	76	87	77	1,109	
Vancomycin	356	313	273	278	216	256	218	241	258	238	228	277	3,152	
presepsin	140	133	159	186	159	137	117	150	129	151	116	141	1,718	
soluble ST2	56	44	36	35	17	19	24	22	34	29	33	37	386	
ER LAB. QC	1,727	1,610	1,641	1,627	1,662	1,736	1,620	1,662	1,653	1,627	1,654	1,619	19,838	
<POCT>														
Total procedure	15,421	13,958	12,779	15,623	14,681	13,437	13,337	17,347	17,130	16,051	14,292	13,444	177,500	
Total patient (MICU)	3,943	3,602	3,271	3,984	3,714	3,395	3,385	4,398	4,342	4,062	3,644	3,422	45,162	
Blood Gas Analysis	1,697	1,333	1,256	1,657	959	1,210	1,154	1,680	1,600	1,529	1,272	1,201	16,548	
ABGA-Electro(Na)	1,695	1,332	1,256	1,657	956	1,204	1,154	1,671	1,600	1,529	1,267	1,200	16,521	
ABGA-Electro(K)	1,695	1,332	1,256	1,657	956	1,204	1,154	1,671	1,600	1,529	1,267	1,200	16,521	
Ca ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lactic acid	1,689	1,325	1,251	1,652	946	1,195	1,154	1,645	1,596	1,525	1,255	1,193	16,426	
Total procedure	6,776	5,322	5,019	6,623	3,817	4,813	4,616	6,667	6,396	6,112	5,061	4,794	66,016	
(ER)														
Blood Gas Analysis	1,042	888	963	958	953	870	768	968	1,014	980	974	877	11,255	
ABGA-Electro(Na)	1,039	878	945	939	926	859	748	935	973	944	924	834	10,944	
ABGA-Electro(K)	1,039	878	945	939	926	859	748	935	973	944	924	834	10,944	
Ca ²⁺ (Ionized)	1	0	0	0	0	0	5	0	0	0	0	0	6	
Mg ²⁺ (Ionized)	0	0	0	0	0	0	0	0	0	0	0	0	0	

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Lactic acid		1,036	874	939	935	921	853	742	928	967	944	923	831	10,893
Total procedure (SICU)		4,157	3,518	3,792	3,771	3,726	3,441	3,011	3,766	3,927	3,812	3,745	3,376	44,042
Blood Gas Analysis		569	644	471	644	976	775	697	1,037	930	731	624	610	8,708
ABGA-Electro(Na)		560	635	460	637	958	761	663	1,020	904	716	606	593	8,513
ABGA-Electro(K)		560	635	460	637	958	761	663	1,020	904	716	606	593	8,513
Ca ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mg ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid		555	626	455	623	951	758	639	990	887	687	558	555	8,284
Total procedure (OR)		2,244	2,540	1,846	2,541	3,843	3,055	2,662	4,067	3,625	2,850	2,394	2,351	34,018
Blood Gas Analysis		327	341	362	417	533	292	371	389	440	430	462	428	4,792
ABGA-Electro(Na)		327	341	362	417	533	292	371	389	440	430	462	427	4,791
ABGA-Electro(K)		327	341	362	417	533	292	371	389	440	430	462	427	4,791
Ca ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mg ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid		303	318	347	396	532	283	360	384	432	421	458	419	4,653
Total procedure (NICU)		1,284	1,341	1,433	1,647	2,131	1,159	1,473	1,551	1,752	1,711	1,844	1,701	19,027
Blood Gas Analysis		308	396	219	308	293	248	395	324	358	392	312	306	3,859
ABGA-Electro(Na)		308	396	219	308	293	248	395	324	358	392	312	306	3,859
ABGA-Electro(K)		308	396	219	308	293	248	395	324	358	392	312	306	3,859
Ca ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mg ²⁺ (Ionized)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lactic acid		36	49	32	117	285	225	390	324	356	390	312	304	2,820
Total procedure		960	1,237	689	1,041	1,164	969	1,575	1,296	1,430	1,566	1,248	1,222	14,397
<수혈의학검사실>														
Total procedure		19,918	18,319	18,780	23,119	24,219	22,091	20,850	22,761	23,135	21,428	20,716	18,179	253,515
Total patient		6,007	5,915	6,139	7,168	7,206	6,812	6,250	6,788	6,989	6,814	6,679	6,014	78,781
ABO Typing(혈구형)		4,770	4,741	4,943	5,844	5,872	5,538	5,118	5,499	5,675	5,538	5,342	4,837	63,717
ABO Typing(혈청형)		2,100	2,130	2,356	3,034	3,051	2,665	2,630	2,808	2,908	2,780	2,546	2,297	31,305
Rh Typing		4,813	4,771	4,974	5,874	5,903	5,569	5,148	5,530	5,705	5,569	5,373	4,865	64,094
ABO subgroup Typing		0	0	1	0	0	0	0	0	0	0	0	0	1
Blood group titer		0	0	0	0	0	0	0	0	0	0	0	0	0
Coomb's Direct		47	30	43	53	40	45	22	62	48	0	0	0	390
Coomb's InDirect		33	21	30	43	32	34	14	54	33	0	0	0	294
#Cross matching		3,994	3,134	2,661	3,798	4,535	4,239	4,035	4,643	4,339	3,524	3,419	2,887	45,208
A형+		1,178	1,003	810	1,217	1,431	1,580	1,303	1,876	1,730	1,374	1,237	1,096	15,835
A형-		15	3	4	4	0	2	7	2	4	1	2	0	44
B형+		844	832	758	1,134	1,245	1,110	990	878	868	791	758	732	10,940
B형-		1	0	0	0	0	0	0	0	0	0	0	0	1
O형+		1,532	987	750	1,171	1,397	1,167	1,296	1,055	1,392	1,077	1,020	838	13,682
O형-		3	0	2	0	2	2	0	0	3	1	3	0	16
AB형+		421	301	335	270	460	378	439	832	340	280	396	221	4,673
AB형-		0	8	2	2	0	0	0	0	2	0	3	0	17
RBC filter		40	35	26	25	48	46	51	44	69	48	37	22	491
PLT filter		82	31	48	85	106	85	81	73	74	67	63	34	829
Irradiation of Blood product		1,256	611	785	1,090	1,401	934	884	962	1,089	768	797	398	10,975
Irradiation of Blood product(수탁)		0	0	0	0	0	0	0	0	0	0	0	0	0
Supplement bags		0	0	0	0	0	0	0	0	0	0	0	0	0
Unexpected Ab Screening		2,706	2,733	2,773	3,130	3,116	2,827	2,775	2,949	3,050	3,048	3,059	2,730	34,896
Unexpected Ab ID		9	7	12	16	13	15	11	10	8	16	16	10	143
Du Blood typing		4	3	3	4	2	1	3	4	2	5	3	5	39
Rh Ab titration test		0	0	0	0	0	0	0	0	0	0	0	0	0
ABO Ab titration test		4	2	19	8	5	2	10	2	2	1	0	1	56
Rh D+ phenotype		7	7	7	11	5	6	7	6	4	9	11	11	91
C		7	7	7	11	5	6	7	6	4	9	11	11	91
c		7	7	7	11	5	6	7	6	4	9	11	11	91
D		7	7	7	11	5	6	7	6	4	9	11	11	91
E		7	7	7	11	5	6	7	6	4	9	11	11	91

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
e		7	7	7	11	5	6	7	6	4	9	11	11	91
DC-Screening		3	5	10	9	6	7	2	10	12	5	2	6	77
IgG		3	5	10	9	6	7	2	10	12	5	2	6	77
IgA		3	5	10	9	6	7	2	10	12	5	2	6	77
IgM		3	5	10	9	6	7	2	10	12	5	2	6	77
C3c		3	5	10	9	6	7	2	10	12	5	2	6	77
C3d		3	5	10	9	6	7	2	10	12	5	2	6	77
Other Blood group		17	20	31	37	32	31	22	26	30	9	15	21	291
PLT-Apheresis(헌혈)		0	0	0	0	0	0	0	0	0	0	0	0	0
PLT-Apheresis(치료)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leukocyte-Apheresis(헌혈)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leukocyte-Apheresis(치료)		0	0	0	0	0	0	0	0	0	0	0	0	0
Plasma-Exchange		0	0	7	12	13	9	11	24	17	10	7	18	128
Phlebotomy		15	13	10	8	10	9	12	9	7	5	12	7	117
BMT(PBSC)		6	5	1	2	5	1	6	6	15	6	6	6	65
자가수혈		0	0	0	0	0	0	0	0	0	0	0	0	0
일반헌혈		0	0	0	0	0	0	0	0	0	0	0	0	0
A형		0	0	0	0	0	0	0	0	0	0	0	0	0
B형		0	0	0	0	0	0	0	0	0	0	0	0	0
O형		0	0	0	0	0	0	0	0	0	0	0	0	0
AB형		0	0	0	0	0	0	0	0	0	0	0	0	0
QC		1,040	1,007	1,081	986	916	916	1,003	1,049	1,050	1,040	1,038	923	12,049
#혈액출고량		3,775	2,934	2,502	3,588	4,283	4,048	3,750	4,393	4,062	3,361	3,122	2,620	42,438
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0
P.R.C		974	1,139	866	1,210	1,161	1,099	998	1,072	1,057	962	993	819	12,350
W.R.C		0	0	0	0	0	0	0	0	0	0	0	0	0
P.C		1,847	1,078	1,030	1,576	1,937	2,010	1,946	2,144	1,981	1,412	1,284	1,215	19,460
L.C		0	0	0	0	0	0	0	0	0	0	0	0	0
F.F.P		432	287	204	356	501	461	401	640	523	504	424	259	4,992
CRYO		30	0	1	10	23	21	8	33	16	11	8	0	161
SDP(적십자)		194	197	146	189	246	201	166	219	214	236	186	126	2,320
SDP(본원)		0	0	0	0	0	0	0	0	0	0	0	0	0
FRBC		298	233	255	247	415	256	231	285	271	236	227	201	3,155
#혈액수혈량		3,759	2,926	2,498	3,564	4,270	4,003	3,737	4,379	4,044	3,340	3,111	2,616	42,247
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0
P.R.C		973	1,133	863	1,209	1,161	1,095	997	1,072	1,057	962	992	818	12,332
W.R.C		0	0	0	0	0	0	0	0	0	0	0	0	0
P.C		1,839	1,078	1,030	1,568	1,937	1,994	1,946	2,144	1,973	1,396	1,284	1,215	19,404
L.C		0	0	0	0	0	0	0	0	0	0	0	0	0
F.F.P		425	285	203	353	488	446	391	626	513	501	415	256	4,902
CRYO		30	0	1	0	23	11	8	33	16	11	8	0	141
SDP(적십자)		194	197	146	189	246	201	164	219	214	234	186	126	2,316
SDP(본원)		0	0	0	0	0	0	0	0	0	0	0	0	0
FRBC		298	233	255	245	415	256	231	285	271	236	226	201	3,152
혈액반납		4	3	2	0	8	10	2	1	5	3	1	8	47
혈액폐기		16	8	4	24	13	45	13	14	18	21	11	4	191
#혈액청구량		3,804	2,897	2,596	3,576	4,229	4,030	3,890	4,325	4,085	3,364	3,105	2,533	42,434
W.B		0	0	0	0	0	0	0	0	0	0	0	0	0
P.R.C		996	1,066	953	1,191	1,151	1,097	1,052	1,055	1,039	1,022	921	806	12,349
W.R.C		0	0	0	0	0	0	0	0	0	0	0	0	0
P.C		1,839	1,078	1,022	1,600	1,937	1,994	1,962	2,136	1,989	1,388	1,317	1,190	19,452
L.C		0	0	0	0	0	0	0	0	0	0	0	0	0
F.F.P		453	320	210	350	440	475	463	600	540	490	440	220	5,001
CRYO		30	0	11	0	33	11	8	33	24	3	8	0	161
SDP(적십자)		200	192	145	190	246	206	169	209	223	226	192	124	2,322
FRBC		286	241	255	245	422	247	236	292	270	235	227	193	3,149
<유전분자검사실>														
Total procedure		1,498	1,600	1,512	1,746	1,758	1,301	2,523	3,105	2,865	3,352	3,070	3,468	27,798
Total patient		1,218	1,334	1,284	1,397	1,518	1,152	2,283	2,800	2,648	3,112	2,823	3,171	24,740

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
(조직적합검사)														
HLA A DNA	3	2	0	0	0	0	0	0	2	0	0	0	7	
HLA B DNA	3	2	0	0	0	0	0	0	2	0	0	0	7	
HLA C DNA	5	2	1	0	0	0	0	0	4	0	0	0	12	
HLA- DR DNA	3	2	0	0	0	0	0	0	3	0	0	0	8	
HLA- DQ DNA	3	2	0	0	0	0	0	0	2	0	0	0	7	
NGS HLA-A (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-B (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-C (High)	0	1	0	0	0	1	0	0	1	0	0	0	3	
NGS HLA-DR (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
NGS HLA-DQ (High)	0	0	0	0	0	0	0	0	1	0	0	0	1	
HLA Typing (NGS 5종)	2	13	23	15	13	7	13	13	9	14	15	13	150	
HLA-X matching T-NIH	1	7	2	1	0	2	2	0	5	1	1	0	22	
HLA-X matching T-AHG	1	7	2	1	0	2	2	0	5	1	1	0	22	
HLA-X matching B-Warm	1	7	2	1	0	2	2	0	5	1	1	0	22	
HLA-Cross matching (FCM-Tcell)	2	8	4	1	1	2	4	2	6	2	3	1	36	
HLA-Cross matching (FCM-Bcell)	1	7	2	1	1	2	2	0	5	1	1	0	23	
HLA-B27(PCR)	31	58	36	46	49	30	29	32	32	38	29	38	448	
(세포유전검사)														
Chromosome analysis CB	0	2	1	0	0	0	2	1	0	2	1	녹십자 위탁	9	
Chromosome analysis PB	3	8	11	15	1	15	10	9	7	10	2	12	103	
Chromosome analysis BM	18	24	29	34	26	24	19	25	26	31	22	31	309	
FISH : CKS1B, 1q21	1	6	4	4	4	2	1	5	2	4	2	1	36	
FISH : IGH / FGFR3,t(4:14)	1	6	4	3	4	2	2	5	2	4	2	1	36	
FISH : IGH / CCND1,t(11:14)	1	6	4	4	4	2	1	5	3	4	2	1	37	
FISH : IGH / MAF,t(14:16)	1	6	4	3	4	2	1	5	2	4	2	1	35	
FISH : TP53(17p13)	1	7	5	5	5	2	2	5	3	4	3	2	44	
FISH : PML/RARA	1	1	0	0	0	1	0	1	0	0	0	0	4	
FISH: CBFB-MYH11	2	2	1	3	2	1	1	1	2	2	1	1	19	
FISH: CDKN2A, 9p21	1	2	0	0	0	0	0	1	0	1	1	0	6	
FISH: TEL/AML, t(12:21)	0	0	0	0	0	0	0	1	0	1	1	0	3	
FISH: MLL, 11q23	2	4	1	5	3	1	1	3	2	3	1	2	28	
FISH: AML1/ETO, t(8:21)	0	0	0	0	0	1	0	0	0	0	0	1	2	
(분자유전검사)														
Major BCR-ABL 재배열검사	4	5	11	9	9	2	11	9	6	11	9	8	94	
Minor BCR-ABL 재배열검사	4	5	11	9	9	2	11	8	6	11	9	8	93	
PML-RARA 재배열검사	2	3	5	5	4	1	2	3	3	7	8	5	48	
E2A-PBX 재배열검사	1	0	3	1	0	1	2	0	0	0	0	0	8	
CBF-MYH II 재배열 검사	2	2	5	5	2	2	1	3	2	4	5	5	38	
AML1-ETO 재배열검사	2	2	4	5	2	3	1	3	2	4	5	5	38	
SET-NUP214 재배열검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
MLL 재배열검사	1	2	3	1	2	1	2	0	2	0	0	0	14	
TEL-AML 재배열검사	1	0	3	1	0	1	2	0	0	0	0	0	8	
TB-PCR(Hybrid)	259	231	284	319	303	215	279	321	244	342	269	255	3,321	
MTB/NTM Detection	125	87	70	104	111	78	104	101	85	86	75	93	1,119	
호흡기 바이러스 Realtime PCR	136	106	88	107	121	84	95	134	132	131	119	143	1,396	
폐렴원인균 선별검사 PCR	87	81	85	104	108	76	89	133	108	112	101	97	1,181	
HBV DNA (Real-time PCR)	257	312	301	292	374	301	269	325	294	279	316	323	3,643	
HCV RNA (Real-time PCR)	89	82	82	95	87	77	95	86	79	99	86	70	1,027	
CMV Real-time PCR	56	68	55	47	71	64	87	75	63	121	75	76	858	
Indocyanin Green Test	3	12	10	0	21	0	9	6	3	9	6	6	85	
PlasmaHb	13	3	6	45	21	33	13	42	18	13	21	2021.02 SCL위탁	228	
HSV type PCR (1형, 2형)	57	58	54	55	75	35	63	59	47	61	56	53	673	
CMV PCR	46	76	88	57	66	55	98	98	65	107	102	106	964	
CT / NG Real-time PCR	52	36	32	48	65	54	50	67	54	62	53	47	620	
EBV Real-time PCR	26	40	23	25	25	28	42	34	38	55	37	45	418	
2019-nCoV(상기도PCR,본원)	09. 07. 검사시작						923	1,228	1,318	1,525	1,421	1,765	8,180	
2019-nCoV(하기도PCR,본원)	13	13	20	20	8	18	92							
NGS-ALL (level I)	1	0	0	2	0	0	0	3	0	1	0	0	7	

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
NGS-AML (level I)	5	6	1	8	5	1	2	1	7	5	4	4	49
NGS-Malignant Lymphoma (level I)	4	6	1	2	1	1	1	2	0	3	4	4	29
NGS-MDS/MPN (level I)	2	2	0	4	3	4	1	2	1	0	1	0	20
NGS-MM (level I)	2	1	3	1	1	1	1	1	3	0	1	1	16
(유세포 검사)													
CD34 Cell count	5	5	0	2	5	1	6	5	11	6	5	6	57
CD 45	14	15	8	22	8	4	11	17	5	13	11	16	144
CD 34	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 33	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 20	5	4	3	8	1	0	5	5	2	5	4	7	49
CD 2	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 117	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 14(Monocyte)	5	8	4	10	6	3	3	7	2	7	6	8	69
CD 7	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 5	4	3	3	8	2	0	2	5	1	4	4	6	42
CD 10	4	3	3	8	2	0	2	5	1	4	4	6	42
CD 22	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 13	4	3	3	8	1	0	2	5	1	4	4	6	41
CD 3	28	33	24	34	33	17	32	35	24	20	33	34	347
CD 4	23	29	21	26	31	17	27	30	22	15	29	27	297
CD 8	23	29	21	26	31	17	27	30	22	16	29	27	298
CD19	11	8	15	17	8	6	12	19	11	10	9	14	140
CD 56	11	8	15	17	6	6	12	19	11	9	9	14	137
CD 38	2	1	1	1	0	1	1	3	1	1	1	1	14
CD138	2	1	1	1	0	1	1	3	1	1	1	1	14
CD 61	0	0	0	0	0	0	0	0	0	0	0	0	0
CD 24	1	5	1	2	5	3	1	2	1	3	2	2	28
CD 55	0	0	0	0	0	0	0	0	0	0	0	0	0
CD 59	1	5	1	2	5	3	1	2	1	3	2	2	28
Kappa / CD19	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambda / CD19	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycophorin A / CD36	0	0	0	0	0	0	0	0	0	0	0	0	0
HLA-DR	0	0	0	0	0	0	0	0	0	0	0	0	0
MPO	3	2	3	7	1	0	2	5	1	4	4	5	37
TDT assay	3	2	3	6	1	0	0	3	1	4	4	5	32
조혈모세포 냉동처리 및 보관	7월부터 통계 추가				3	1	4	4	9	3	3	3	30
QC	236	269	227	231	240	220	374	340	349	346	309	327	3,468
<미생물검사실>													
Total procedure	14,504	14,435	15,427	17,815	17,825	15,625	13,634	16,496	16,847	17,132	15,319	14,204	189,263
Total patient	9,109	9,017	9,674	11,256	11,560	10,106	8,361	10,454	11,000	11,166	9,543	8,938	120,184
(MICROBIOLOGY)													
Total procedure	13,696	13,555	14,057	15,145	14,865	13,176	11,569	14,125	13,878	14,635	13,784	12,921	165,406
Total patient	8,708	8,495	8,960	10,038	10,235	8,949	7,496	9,334	9,546	9,896	8,867	8,330	108,854
2019-nCoV (응급선별)										125	199	171	495
바이러스성 급성설사 선별검사 PCR	25	26	31	56	54	44	35	36	43	56	41	40	487
세균성 급성설사 선별검사 PCR	33	32	38	70	66	65	42	47	61	72	61	50	637
카바페넴 분해효소 유전자 검사	44	42	50	50	51	37	19	44	43	37	43	39	499
카바페넴분해효소표현형검사(mCIM)	27	30	46	49	26	23	22	36	23	20	20	28	350
Gram stain	4,853	4,855	4,911	5,103	4,987	4,623	4,025	4,865	4,873	4,969	4,738	4,361	57,163
Wright Giemsa stain	53	50	68	100	91	72	68	67	80	90	53	67	859
혈액 배양, 감수성검사	2,283	2,343	2,376	2,413	2,405	2,186	1,763	2,329	2,419	2,339	2,317	2,005	27,178
구강.기도.호흡기 배양, 감수성검사	871	778	731	807	797	749	640	778	775	824	741	703	9,194
비뇨기.생식기 배양, 감수성검사	897	931	980	1,043	980	908	849	1,007	1,012	1,027	968	894	11,496
소화기 배양, 감수성검사	76	84	93	119	80	82	89	75	85	100	75	63	1,021
CRE 감시배양	1,460	1,448	1,521	1,631	1,836	1,361	963	1,417	1,441	1,451	1,432	1,380	17,341
VRE 감시배양	130	153	159	160	195	118	86	127	115	101	128	111	1,583
체액 배양, 감수성검사	159	168	136	117	160	171	115	134	107	148	156	168	1,739
기타 검체 배양, 감수성검사	548	534	574	584	540	511	550	531	459	511	459	510	6,311
혐기성 배양, 감수성검사	6	6	8	5	5	7	4	3	6	3	5	6	64
Enterohemorrhagic E.coli (EHEC) culture	0	0	0	0	0	0	0	1	1	2	1	2	7

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Enterovirus Real-time PCR (신속)	16	12	20	12	22	6	9	9	9	11	11	13	150	
C.difficile GDH	151	147	180	221	207	197	163	177	191	201	178	179	2,192	
C.difficile toxin A+B	151	147	180	221	207	197	163	177	191	201	178	179	2,192	
C.difficile toxin(Real-time PCR)	150	130	201	233	183	193	155	182	179	201	171	177	2,155	
Wet smear	32	29	34	41	41	29	37	43	29	27	39	24	405	
Tzanck test	0	0	0	2	0	0	0	0	0	2	1	0	5	
Rota virus Ag(stool)	34	29	28	31	50	30	16	31	37	35	38	33	392	
Norovirus Ag (stool)	15	16	13	17	18	15	10	13	14	21	17	13	182	
Meningitis agglutination test	17	13	20	15	20	7	10	9	9	14	12	14	160	
Mycoplasma / Ureaplasma 배양	87	152	123	145	145	135	140	187	129	157	168	136	1,704	
Anti-serotyping test	0	0	11	2	0	0	0	0	0	1	1	0	15	
Streptococcus grouping(latex)	0	0	0	0	0	0	0	0	0	0	0	0	0	
결핵균및리팜핀내성	59	64	77	104	81	64	82	94	76	121	101	104	1,027	
AFB stain(형광법)	365	313	349	447	384	316	372	435	352	443	344	348	4,468	
AFB 배양(고체배양)	365	313	349	447	384	316	372	435	352	443	344	348	4,468	
AFB 배양(액체배양)	365	313	349	447	384	316	372	435	352	443	344	348	4,468	
AFB 항생제 감수성검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
결핵균(TB) 약제감수성검사	3	16	5	11	5	8	5	6	4	12	5	8	88	
비결핵항산균(NTM) 약제감수성검사	2	13	6	12	2	7	10	9	16	11	10	13	111	
KOH mount	3	1	2	3	1	1	4	4	9	3	4	3	38	
India ink preparation	10	3	9	14	20	10	6	8	6	12	11	6	115	
구강.기도.호흡기 진균배양	52	54	56	72	96	55	59	61	66	57	60	67	755	
비뇨기.생식기 진균배양	1	3	0	0	0	1	0	2	1	0	0	0	8	
소화기 진균배양	0	0	0	0	0	0	0	0	0	0	0	0	0	
체액 진균배양	18	5	8	12	18	14	3	10	7	5	8	10	118	
기타 검체 진균배양	17	5	14	13	11	8	14	13	10	20	16	26	167	
Fungus sensitivity	14	22	24	14	9	7	8	19	11	20	9	19	176	
Q.C(바코드 안된것)	304	275	277	302	304	287	289	269	285	299	277	255	3,423	
Q.C(바코드 된것)	106	96	100	105	112	104	98	90	102	104	96	88	1,201	
Q.C(Total)	410	371	377	407	416	391	387	359	387	403	373	343	4,624	
(PARASITOLGY)														
Total procedure	808	880	1,370	2,670	2,960	2,449	2,065	2,371	2,969	2,497	1,535	1,283	23,857	
Total patient	401	522	714	1,218	1,325	1,157	865	1,120	1,454	1,270	676	608	11,330	
Occult blood	392	513	704	1,199	1,316	1,153	858	1,116	1,452	1,263	674	605	11,245	
C.S Ova count	137	119	219	484	545	430	400	417	505	409	286	225	4,176	
Helminth	135	119	218	484	545	431	400	417	505	409	287	225	4,175	
Protozoa	135	120	219	484	545	430	400	417	505	409	286	225	4,175	
Stool Fat	9	7	10	18	6	4	7	4	2	7	2	3	79	
Scatch tape	0	0	0	0	2	0	0	0	0	0	0	0	2	
Trematodes exam	0	2	0	1	1	1	0	0	0	0	0	0	5	
Q.C(바코드 된것)	44	40	38	44	46	42	45	38	42	44	43	39	505	
<생리기능검사실>														
Total procedure	7,621	8,238	8,226	10,204	10,500	8,835	8,721	8,680	9,500	9,229	8,636	8,360	106,750	
Total patient	5,203	5,551	5,514	6,810	7,005	6,077	5,838	5,831	6,336	6,178	6,003	5,780	72,126	
(뇌파)														
Total procedure	252	239	225	271	298	258	266	232	215	214	218	229	2,917	
Total patient	252	239	225	271	298	258	266	232	215	214	218	229	2,917	
(뇌혈류)														
Total procedure	241	206	204	222	260	228	199	188	185	173	207	188	2,501	
Total patient	241	206	204	222	260	228	199	188	185	173	207	188	2,501	
(근전도)														
Total procedure	1,047	1,353	1,322	1,656	1,922	1,654	1,647	1,501	1,631	1,711	1,285	1,297	18,026	
Total patient	159	235	238	245	325	289	284	244	276	235	223	228	2,981	
(폐기능)														
Total procedure	946	1,193	1,340	1,779	1,585	1,358	1,287	1,332	1,463	1,178	952	1,063	15,476	
Total patient	419	516	573	774	692	567	528	574	602	518	413	451	6,627	
(심전도)														
Total procedure	1,716	1,749	1,830	2,324	2,339	2,310	2,184	2,250	2,420	2,503	2,397	2,360	26,382	
Total patient	1,716	1,749	1,830	2,324	2,339	2,310	2,184	2,250	2,420	2,503	2,397	2,360	26,382	
(Holter)														

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Total procedure		194	193	169	234	269	192	187	154	184	170	197	172	2,315
Total patient		194	193	169	234	269	192	187	154	184	170	197	172	2,315
(재활근전도)														
Total procedure		472	362	366	456	512	248	299	327	389	353	444	393	4,621
Total patient		54	45	49	56	57	38	42	49	49	44	52	37	572
(당뇨검사실)														
Total procedure		966	957	866	1145	1231	1104	960	844	911	920	929	839	11,672
Total patient		800	802	746	1001	1049	958	848	734	790	761	774	702	9,965
(청력검사실)														
Total procedure		1,211	1,299	1,253	1,390	1,321	876	1,033	1,230	1,383	1,343	1,337	1,156	14,832
Total patient		792	879	829	956	953	630	641	784	896	896	852	750	9,858
(자율신경검사실)														
Total procedure		150	171	155	211	130	112	116	149	183	143	194	170	1,884
Total patient		150	171	155	211	130	112	116	149	183	143	194	170	1,884
(신경인지검사실)														
Total procedure		426	516	496	516	633	495	543	473	536	521	476	493	6,124
Total patient		426	516	496	516	633	495	543	473	536	521	476	493	6,124
(외부의뢰검사)														
Total procedure		3,876	3,716	3,982	4,297	4,142	4,152	2,794	2,826	3,272	3,370	3,012	2,626	42,065
Total patient		3,354	3,090	3,451	3,701	3,503	3,601	2,346	2,386	2,582	2,788	2,576	2,227	35,605
(SCL)														
Total procedure		1,168	1,377	1,327	1,571	1,686	1,460	1,300	1,476	1,717	1,667	1,642	1,365	17,756
Total patient		916	1,069	1,087	1,280	1,342	1,195	1,048	1,164	1,282	1,330	1,349	1,104	14,166
(Body Fluid) Parasite specific Ab		0	5	0	0	0	0	0	0	0	0	0	0	5
[Urine] CMV PCR 정량 -2019.03. 신설		0	2	1	3	0	0	0	3	0	2	8	6	25
11-Deoxycortisol		0	0	0	0	0	0	0	0	0	0	0	0	0
11-Deoxycorticosterone		0	0	0	0	0	0	0	0	0	0	0	0	0
17-Ketosteroid (24hr urine)		5	5	3	8	8	7	7	6	5	5	8	5	72
17-OH corticosteroid (24hr urine)		5	5	3	7	9	6	7	6	5	5	8	5	71
17α-OH Progesterone		3	11	10	10	9	10	13	24	20	9	20	12	151
1-CTP (Type 1 collagen C-terminal telopeptide)		0	1	0	3	0	1	0	0	0	1	1	0	7
1α,25-(OH) ₂ Vit.D		6	10	6	10	15	10	10	13	9	7	13	11	120
25-OH Vit.D3		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정량 (24hrs Urine)		1	2	0	1	0	0	2	0	0	0	0	0	6
5-HIAA 정량 (Plasma)		0	0	0	0	0	0	0	0	0	0	0	0	0
5-HIAA 정성 (Random Urine)		0	0	0	1	0	1	0	0	0	0	0	2	4
5α-(OH) ₂ testosterone		2	0	0	0	0	0	2	0	0	0	0	2	6
개인식별검사		0	0	0	0	0	0	0	0	0	0	0	0	0
결핵균 쿨론 신속감수성검사		0	0	0	0	0	0	1	0	0	0	0	0	1
급성설사 원인 바이러스 선별검사(6종)		1	0	0	0	0	0	0	0	0	0	0	0	1
급성설사 원인균 선별검사(10종)		1	0	0	0	0	0	0	0	0	0	0	0	1
기타(내분비대사)		0	0	0	0	0	0	0	0	0	0	0	0	0
기타(특수화학)		0	0	0	0	0	0	0	0	0	0	0	0	0
대사산물		0	0	0	0	0	0	0	0	0	0	0	0	0
대사이상검사		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진1 (Morphine)		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진2 (Methamphe & Cocain)		0	0	0	0	0	0	0	0	0	0	0	0	0
마약확진3 (Cannabinoids)		0	0	0	0	0	0	0	0	0	0	0	0	0
면역매개체검사		0	0	0	0	0	0	0	0	0	0	0	0	0
바이러스		0	0	0	0	0	0	0	0	0	0	0	0	0
바이러스성 뇌수막염 검사 PCR (2020.4.23 신설)		0	0	0	2	0	1	1	2	0	2	0	0	8
비타민무기질검사		0	0	0	0	0	0	0	0	0	0	0	0	0
산전검사		0	0	0	0	0	0	0	0	0	0	0	0	0
신생아 대사이상 선별검사 (55종)		32	37	36	36	41	36	42	40	37	48	34	38	457
유전성비용종성대장암(HNPCC); MLH1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
유전성비용종성대장암(HNPCC); MLH2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
인플루엔자바이러스A&B		8	6	2	2	1	0	1	2	1	5	2	1	31

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
중금속검사		0	0	0	0	0	0	0	0	0	0	0	0	0
질환관련유전자검사		0	0	0	0	0	0	0	0	0	0	0	0	0
폐렴원인균 선별검사 PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
ACE (Angiotensin converting E)		27	19	18	18	22	23	14	19	25	19	20	17	241
Acetylcholinesterase(AchE)		2	0	0	0	1	1	0	0	0	0	1	1	6
Ach-R-binding Ab		8	20	11	13	11	11	7	14	7	17	10	11	140
Ach-R-blocking Ab		0	0	0	0	0	0	0	0	1	0	2	0	3
Achondroplasia: FGFR3 major mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Acid phosphatase (ACP)		0	0	0	0	0	0	0	1	0	0	0	0	1
ADAMTS 13 activity		0	0	0	0	0	0	0	0	0	0	0	0	0
Adenovirus culture		0	0	0	0	0	0	0	0	0	0	0	0	0
Adenovirus		0	0	0	0	0	0	0	0	0	0	0	0	0
ADH (plasma)		1	0	0	1	3	2	0	0	1	4	4	0	16
ADH (urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
ADPKD: PKD1 mutation		0	0	0	0	0	0	0	0	0	0	0	1	1
ADPKD: PKD2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
AIS: AR mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Alagille: JAG1 mutation		0	0	0	0	0	1	0	0	0	0	0	0	1
ALD: ABCD1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Aldolase		5	11	6	8	8	6	11	11	10	11	5	10	102
ALP Isoenzyme EP		0	1	0	3	0	1	0	1	0	1	1	1	9
ALP Isoenzyme EP Total ALP(%)		0	0	0	0	0	0	0	0	0	0	0	0	0
alpha-thalassemia: HBA1/HBA2 del/dup(MPA)		0	0	0	0	0	0	0	0	0	0	0	0	0
Aluminium (Al)		1	2	0	0	0	1	0	1	1	1	0	0	7
Amino acids		3	7	4	1	2	7	4	3	3	1	3	3	41
Amitriptyline & Nortriptyline		0	0	0	0	0	0	0	0	0	0	0	0	0
Amphetamine		0	0	0	0	0	0	0	0	0	0	0	0	0
Amylase Isoenzyme		0	0	1	0	0	0	0	2	0	0	0	1	4
Amyloid A		0	0	1	1	0	0	0	0	0	0	1	0	3
ANCA 정량		41	56	0	0	0	0	0	0	0	0	0	0	97
Androstenedione (ADD)		1	0	0	1	1	0	1	0	1	1	0	1	7
Angiotensin I		0	0	0	0	0	0	0	0	0	0	0	0	0
Angiotensin II		1	1	0	0	1	2	0	0	0	1	1	0	7
Antiplasmin /α2-PI		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti β2GPI IgG		27	32	24	35	62	45	45	37	43	47	32	23	452
Anti β2GPI IgM		25	32	24	36	62	41	48	35	45	46	32	25	451
Anti Cardiolipin Ab IgA		0	3	4	4	3	3	3	1	4	0	1	0	26
Anti Phospholipid Ab IgM		19	27	16	19	15	16	13	15	22	12	9	6	189
Anti Phospholipid Ab IgG		21	27	17	20	16	18	13	16	23	13	10	7	201
Anti Sperm Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti GAD Ab		4	10	6	5	4	3	4	5	6	5	7	5	64
Anti GBM Ab		6	7	5	8	5	9	9	6	8	5	8	11	87
Anti Platelet Ab		0	3	1	3	2	3	6	6	2	0	1	4	31
Anti-ds DNA (IRMA)		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-histone Ab		3	3	3	4	4	4	2	3	4	5	4	0	39
Anti-Jo-1 Ab		1	5	4	2	1	3	4	7	6	12	5	3	53
Anti-MAG IgG		0	0	0	0	0	0	0	0	2	0	1	0	3
Anti-PLA2R IgG		1	1	1	0	0	3	0	0	1	1	2	3	13
Anti-Scl 70 Ab		2	8	6	6	3	0	0	5	6	10	5	1	52
Anti-Smith/RNP Ab		1	4	1	1	1	0	1	1	0	2	3	0	15
Anti-SS-A(Ro) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-SS-B(La) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-centromere Ab		11	8	11	10	17	3	8	11	13	17	7	4	120
Anti-ds DNA IgG 정량 (IU/mL)		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-ds DNA IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-Sm (Smith) Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti-platelet factor 4 Ab		0	0	1	0	1	0	3	0	1	0	0	0	6
Anti-RNP Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Apo E genotyping		2	1	14	14	14	9	8	2	5	7	9	3	88
Apolipoprotein C-III		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Apolipoprotein E	0	0	0	0	0	0	0	0	0	0	0	1	1
Arsenic	0	0	0	0	0	0	0	0	0	0	0	0	0
ASCA	0	1	4	3	4	4	2	0	1	1	2	6	28
Aspergillus Ag(Galactomannan)	0	0	7	0	0	0	9	0	0	0	0	0	16
Aspergillus Ab IgG	3	4	0	2	7	2	0	10	4	11	6	13	62
B302-ABO Genotyping	0	0	0	0	0	0	0	0	0	0	0	0	0
B305-Rh Subgroup	0	0	0	0	0	0	0	0	0	0	0	0	0
Barbiturates	0	0	0	0	0	0	0	0	0	0	0	0	0
BCR-ABL1 재배열, 정량	0	0	0	0	0	0	0	0	0	0	0	0	0
BCR-ABL1 재배열, 정량 (Minor)	1	0	1	2	2	1	1	0	1	5	0	3	17
Benzodiazodiazepines	0	0	0	0	0	0	0	0	0	0	0	0	0
beta-thalassemia; HBB mutation	0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정량 (real-time PCR)	0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정성 (PCR)	0	1	0	0	0	0	0	0	0	0	0	0	1
Bone ALP	4	6	10	3	4	3	6	9	5	7	5	3	65
Bordetella pertusis Ab	0	0	0	0	0	0	0	0	0	0	0	0	0
Bordetella pertusis PCR	0	0	0	0	0	0	0	0	0	0	0	0	0
Borrelia Ab (Lyme titer)	2	0	0	0	0	0	1	0	0	0	0	0	3
BRCA-1	6	2	6	7	4	4	3	1	6	1	2	4	46
BRCA-2	6	2	6	7	4	4	3	1	6	1	2	4	46
BRCA-1, 2 가족검사	0	0	0	1	0	0	0	0	0	0	0	0	1
Breakage study (Fanconi anemia study)	0	0	0	0	0	0	0	0	0	0	0	0	0
Brucella Ab	0	0	0	0	0	0	0	0	0	0	0	0	0
Buprenorphine	0	0	0	0	0	0	0	0	0	0	0	0	0
C.trachomatis PCR	0	0	0	0	0	0	0	0	0	0	0	0	0
C.trachomatis Ab IgG	4	2	1	1	3	2	1	3	0	5	3	0	25
C.trachomatis Ab IgM	4	1	1	1	2	2	1	2	0	1	1	0	16
C1 inactivator activity	10	13	11	15	19	8	14	11	12	17	14	10	154
C1 inactivator inhibitor	9	17	11	11	19	10	14	12	16	13	17	13	162
C1q	0	0	0	0	0	0	0	0	0	0	0	0	0
C5	0	0	0	0	0	0	0	0	0	0	0	0	0
CADASIL; NOTCH3 mutation	2	0	0	1	1	1	2	1	0	3	1	0	12
Cadmium (Cd)	0	0	0	0	1	0	0	0	0	0	0	0	1
CAH CYP21A2 mutation/deletion/rearrange	0	0	0	0	0	0	0	0	0	0	0	0	0
Calcitonin	0	0	0	0	0	0	0	0	0	0	0	0	0
C-AMP	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter culture	0	0	1	1	1	0	0	0	0	0	0	1	4
Cannabinoids(marijuana)	0	0	0	0	0	0	0	0	0	0	0	0	0
Carotene	1	2	1	1	0	1	0	0	0	0	2	2	10
Catecholamine 2분획	6	10	7	16	16	11	12	9	9	7	7	9	119
Catecholamine 3분획	5	6	4	9	13	9	9	9	9	5	7	5	90
CCHS; PHOX2B mutation	0	0	0	0	0	0	0	0	0	0	0	0	0
CEBPA gene mutation	1	1	0	1	1	2	0	1	0	1	3	1	12
Ceruloplasmin	10	9	13	21	38	19	16	15	21	26	23	18	229
CH 50	2	10	9	10	19	10	9	8	9	8	8	9	111
Chlamydia pneumoniae Ab IgG	0	0	3	7	2	3	2	4	0	0	0	1	22
Chlamydia pneumoniae Ab IgM	0	0	3	7	2	3	2	4	0	1	0	1	23
Chlamydia pneumoniae PCR	0	1	0	0	0	0	2	1	0	0	1	0	5
Chlamydia culture	0	0	0	0	0	0	0	0	0	0	0	0	0
Cholinesterase	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlamydoiphila psittaci Ig G	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlamydoiphila psittaci Ig M	0	0	0	0	0	0	0	0	0	0	0	0	0
Chromosome analysis Amn.F	2	0	1	3	6	3	3	3	2	2	6	2	33
Chromosome analysis abortus	0	0	0	0	2	2	0	2	0	2	1	0	9
Chromosome analysis CVS	2	2	0	3	2	1	1	1	3	0	1	1	17
Chromosome + FISH 21	0	0	0	0	0	0	1	1	0	0	0	0	2
Chromium (Cr)	0	0	1	0	0	1	0	1	1	0	1	0	5
Chromogranin A - 2019.09 신설	1	1	0	0	0	0	0	0	0	0	0	0	2
Chromosome + FISH 18	0	0	0	0	0	0	0	0	0	0	0	0	0
Chromosome + FISH 13	0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Chromosome analysis Cord blood	0	0	0	0	0	0	0	0	0	0	0	0	0	
Circulating immune complex	10	15	9	15	19	10	14	7	19	12	15	11	156	
Citric acid	0	0	0	0	0	0	0	0	0	0	0	0	0	
Citrullinemia 2: SLC25A13	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clonazepam	0	0	0	0	0	0	0	0	0	0	0	0	0	
CMTX: GJB1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
CMV Culture	38	43	83	46	46	47	68	82	58	77	93	75	756	
Cocaine	0	0	0	0	0	0	0	0	0	0	0	0	0	
COL1A1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Copper (Cu)	5	14	8	9	12	5	4	3	7	11	12	11	101	
Copper (Cu) (Tissue)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coproporphyrin 정량	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coproporphyrin 정성	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cortisol (Unextracted, 24hr U)	0	1	0	0	1	0	0	2	1	0	1	0	6	
Cortisol, free (24hr urine)	2	4	3	8	7	9	8	9	6	6	7	8	77	
Coxiella burnetii Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus B1	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus B2	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus B3	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus B4	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus B5	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus B6	1	1	1	0	1	0	0	0	0	1	0	0	5	
Coxsackie virus A2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A3	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A4	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A6	0	0	0	0	1	0	0	0	0	0	0	0	1	
Coxsackie virus A7	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A9	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A10	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coxsackie virus A16	0	0	0	0	1	0	0	0	0	0	0	0	1	
C-Peptide	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP	5	4	2	1	3	4	2	3	1	0	4	2	31	
CPK Isoenzyme EP LD 5	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP TOTAL (U/L)	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPK Isoenzyme EP LD 1/LD 2	0	0	0	0	0	0	0	0	0	0	0	0	0	
CPT2결핍증: CPT2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Creutzfeldt-Jakob disease	2	2	0	6	0	3	2	0	0	0	0	0	15	
Crouzon: FGFR2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cryptococcus Ag	11	4	12	8	16	4	4	3	6	12	6	5	91	
C-Telopeptide of collagen	44	43	51	82	76	66	47	54	88	109	90	본원검사	750	
Cystatin C	0	0	0	0	0	0	0	0	0	0	0	0	0	
Delta -ALA	1	2	0	0	0	0	0	0	0	0	1	0	4	
Dengue virus Ab	1	0	0	0	0	0	0	0	1	0	0	0	2	
Deoxypridinolin	0	0	0	0	0	0	0	0	0	0	0	0	0	
Desipramine	0	0	0	0	0	0	0	0	0	0	0	0	0	
DHEA-sulfate	0	0	0	0	0	0	0	0	0	0	0	0	0	
DMD/BMD: DMD mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
DMD/BMD: DMD ,MLPA법	0	0	0	0	0	0	0	0	0	0	0	0	0	
DNA Fingerprinting (1인추가)	0	0	0	0	0	0	0	0	0	0	0	0	0	
DNA Fingerprinting (2인추가)	0	0	0	0	0	0	0	0	0	0	0	0	0	
DNA(친자감별.부.모.자)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dopamine, total	0	0	0	0	0	0	0	0	0	0	0	0	0	
DRPLA: DRPLA gene analysis	0	1	0	1	0	0	0	0	1	3	0	0	6	
DYT1: TOR1A mutation	0	1	0	1	0	0	0	0	1	0	1	0	4	
EBV EA IgA	0	0	0	0	0	0	0	0	0	0	0	0	0	
EBV EA IgG	0	1	1	0	1	0	0	2	1	1	0	0	7	
EBV EA IgM	0	2	5	2	2	2	3	2	3	3	1	2	27	
EBV 정성 (PCR)	2	2	5	2	2	2	4	3	5	2	2	5	36	
EBV VCA IgG	0	1	0	0	0	0	0	2	1	0	0	0	4	
EBV 정량 (real-time PCR)	0	0	0	0	0	0	0	0	0	0	0	0	0	

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Echo virus 1		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 3		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 4		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 5		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 6		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 7		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 9		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 11		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 12		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 13		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 14		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 16		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 17		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 18		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 19		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 21		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 22		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 24		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 25		0	0	0	0	0	0	0	0	0	0	0	0	0
Echo virus 30		0	0	0	0	0	0	0	0	0	0	0	0	0
Ehlers-Danlos: COL3A1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Elastase-1		0	0	0	0	0	0	0	0	0	0	0	0	0
Entamoeba histolytica IgG		1	3	1	2	3	4	1	1	1	2	0	2	21
Enterovirus culture		0	0	0	0	0	0	0	0	0	0	0	0	0
Enterovirus RT PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Enterohemorrhagic E.coli (EHEC) PCR (Stool)		1	0	0	0	0	0	0	1	1	1	0	0	4
Enterohemorrhagic E.coli culture		0	0	0	0	0	0	0	0	0	0	0	0	0
Eosinophil cationic protein		4	1	4	11	5	4	3	5	6	4	7	2	56
Episodic ataxia 2: CACNA1A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Erythropoietin (EPO)		3	4	1	3	8	1	2	2	8	13	9	7	61
Estron (E ₁)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estriol (E ₃)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estrogen, total		11	17	19	18	20	20	12	16	7	11	7	12	170
ETV6/RUNX1(TEL-AML) 재배열, 정성		0	0	0	0	0	0	0	0	0	0	0	0	0
Fabry: GLA mutation		1	0	0	0	0	0	0	0	0	0	1	1	3
Fabry병 선별(α-Galactosidase)		3	3	9	7	3	2	8	7	4	5	7	8	66
Familial mutation, autosomal dominant		0	0	0	0	0	0	0	0	0	0	0	0	0
FAP: APC mutation - 2019.10 신설		0	0	0	0	0	0	1	0	0	0	1	0	2
Fasciola hepatica Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Fetal Hb		0	0	0	0	0	0	0	0	0	0	0	0	0
FH: LDLR point mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Filaria Ab & PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: MLL, 11q23		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: Trisomy 21		1	0	0	0	0	0	0	0	0	0	0	0	1
FISH: CATCH22, 22q11		0	1	0	0	0	0	1	0	0	0	0	0	2
FISH: Williams, 7q11		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: PDGFRA		0	0	0	0	0	0	0	2	0	0	0	0	2
FISH: PDGFRB		0	0	0	0	0	0	0	2	0	0	0	0	2
FISH: IGH/MYC/CEP8, t(8:14)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: CBFB-MYH11		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: Prader-Will/Angelman		0	0	0	0	0	0	0	0	1	0	0	0	1
FLT3-ITD		0	0	0	0	0	1	0	0	0	1	1	1	4
FLT3-D835Y		0	0	0	0	0	1	0	0	0	0	0	0	1
Fragile-X 증후군 확진검사		0	1	3	3	2	4	1	0	2	1	1	2	20
Free Phenytoin		0	0	0	0	0	0	0	0	0	0	0	0	0
Free T ₃		14	18	17	12	15	7	11	12	17	15	13	18	169
Friedreich ataxia: FXN mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Fructose		0	0	0	0	0	0	0	0	0	0	0	0	0
FTA-ABS IgG		15	10	10	12	13	17	24	25	23	35	37	42	263
FTA-ABS IgM		15	9	10	12	13	17	23	26	23	34	34	43	259

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
G-6-PDH		0	1	1	0	0	0	0	0	0	0	0	0	2
Galactose 3종		0	0	0	0	0	0	0	0	0	0	0	0	0
Gastrine		1	3	1	0	2	1	1	0	2	2	1	2	16
Gaucher; GBA mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Gaucher병 선별(β -glucocerebrosidase)		1	0	0	0	0	0	0	0	0	0	0	0	1
GD1b Ab, IgM		0	0	2	3	1	0	1	0	3	3	1	1	15
Gliadin Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Glucagon		2	3	1	3	3	0	1	1	1	0	0	2	17
Glycated albumin-2019.05. 신설		0	0	0	0	0	0	0	0	0	0	0	0	0
GM1 Ab, IgG		0	0	2	3	1	0	1	0	4	6	1	2	20
GM1 Ab, IgM		0	0	2	3	1	0	1	0	4	6	1	2	20
GSD1a: G6PC mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
GSD1b: SLC37A4 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
H.Pylori Ab IgG		2	9	1	4	6	1	2	1	0	0	0	2	28
H.Pylori Ab IgM		0	1	0	2	1	1	2	1	0	0	0	2	10
Haemophilus ducreyi PCR		0	0	0	0	1	0	4	0	0	0	0	0	5
Hair Mineral Test-II		0	1	0	1	4	3	1	0	5	4	3	0	22
Haloperidol		0	0	0	1	0	0	0	0	0	0	0	0	1
Hantaan virus Ab (HFRS)		0	0	2	2	5	4	3	16	46	14	0	2	94
HBs Ag 정량		3	1	1	1	4	0	0	1	1	0	0	0	12
HBV 약재내성 (Lamivudine 22종)		1	1	2	2	0	1	0	0	2	0	2	1	12
HBV DNA Polymerase		0	0	0	0	0	0	0	0	0	0	0	0	0
HCV RNA 정성 (RT-PCR Hybridization)		14	20	16	19	30	20	24	29	23	28	39	27	289
HCV NS5A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HDV Ab (Delta Ab)		0	1	0	0	0	0	0	0	1	0	0	0	2
HDV PCR		0	0	0	0	0	0	0	0	2	0	0	0	2
Hemoglobin EP		2	2	0	0	0	1	2	0	0	2	0	0	9
Hemochromatosis: HFE mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HER-2/neu		0	0	0	0	0	0	0	0	0	0	0	0	0
Heterophil Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
HEV PCR		0	0	0	0	0	0	0	0	0	0	1	1	2
HEV IgG		0	1	0	3	2	2	6	4	5	8	3	7	41
HEV IgM-2019.05.의라치변경(녹십자->SCL)		0	1	0	3	5	4	7	10	8	16	4	7	65
HGV PCR		0	0	0	0	0	0	1	0	0	0	0	0	1
HHT: ACVRL1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
HHT: ENG mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Hippuric acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasma Ab Screening		0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasma confirm		0	0	0	0	0	0	0	0	0	0	0	0	0
HIV 정량		14	24	17	14	26	15	12	28	12	11	23	19	215
HIV 내성검사		0	5	1	0	0	1	2	0	0	0	2	0	11
HLA B51 Genotyping		5	7	5	4	6	11	3	7	6	6	12	7	79
HLA- DQ DNA		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA- DQ type (High)		0	0	0	0	0	0	0	0	0	0	0	0	0
HLA-B 5801		4	7	8	6	9	1	3	2	1	0	2	2	45
HOKPP: CACNA1S mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Homogentisic acid (HGA)		0	0	0	0	0	0	0	0	0	0	0	0	0
Homovanillic acid (HVA)		0	1	0	0	1	0	0	0	0	0	1	0	3
HPL (Human placental lactogen)		0	0	0	0	0	0	0	0	0	0	0	0	0
HPV Probe(HCS)		56	85	85	121	78	116	87	97	111	99	110	98	1,143
HPV Probe(Low risk)		0	0	0	0	0	0	0	0	0	0	0	0	0
HSV IgG (H.Simplex virus)		13	12	12	9	14	7	5	26	26	25	18	13	180
HSV type I PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
HSV type II PCR		0	0	0	0	4	0	0	0	0	0	0	0	4
HSV type I IgG		1	1	2	2	0	2	3	1	10	4	4	1	31
HSV type II IgG		6	5	4	7	0	6	4	6	13	8	7	3	69
HTLV- I . II Ab		0	0	0	0	0	1	0	0	0	0	0	0	1
Human herpes virus 8 PCR		0	0	0	1	0	0	0	0	1	0	0	0	2
Huntington ds: HD mutation		1	0	0	0	0	1	0	0	0	2	1	1	6
Hydroxyproline, free		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Ig D		7	8	5	13	4	9	11	9	6	8	8	10	98
Ig G low conc (CSF)		1	4	6	6	5	2	2	3	5	6	4	2	46
IGF-BP3		64	75	70	91	79	73	45	63	85	59	69	71	844
IgG Subclass 1		0	3	0	3	5	0	0	2	1	1	0	0	15
IgG Subclass 2		0	3	0	3	5	0	0	2	1	1	0	0	15
IgG Subclass 3		0	3	0	3	5	0	0	2	1	1	0	0	15
IgG Subclass 4		12	25	15	23	26	21	18	17	23	17	27	19	243
Imipramine & Desipramine		0	0	0	0	0	0	0	0	0	0	0	0	0
Immunolectrophoresis (CSF)		3	3	5	3	5	5	2	4	3	4	4	0	41
Immunofixation EP IgD,IgE (Serum)		16	13	16	13	15	10	7	11	10	8	5	4	128
Immunofixation EP IgD,IgE (Urine)		3	3	5	3	5	5	2	4	4	4	3	0	41
Infliximab		6	2	2	1	3	2	1	0	1	0	1	0	19
Insulin		0	0	0	0	0	0	0	0	0	0	0	0	0
Insulin Ab		0	1	4	7	6	3	2	3	2	0	2	4	34
Interleukin 6 (IL-6)		0	0	0	0	0	0	0	0	0	0	0	0	0
Islet cell Ab (ICA)		2	1	6	4	3	2	2	4	5	5	3	4	41
JAK2 exon 12 mutation		0	0	2	2	1	1	2	0	0	3	5	0	16
JAK2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
JBEV (JEV Ab)		1	0	0	0	0	0	0	2	0	3	1	0	7
JCV PCR		0	0	0	1	0	0	0	0	0	2	0	0	3
Kappa free light chain (serum)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kappa / Lambda Ratio (serum)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kappa free light chain (urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
Kappa / Lambda Ratio (urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
KIT(C-Kit) mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
KL-6					11월 신설					4	33	45	44	126
Lambda free light chain (serum)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lambda free light chain(urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lamotrigine		25	20	29	42	33	43	43	15	23	20	26	29	348
L-Carnitine		3	0	2	1	3	6	2	2	2	0	3	4	28
LDH Isoenzyme EP (Serum)		2	0	0	0	0	1	2	1	0	1	0	0	7
LDH Isoenzyme EP(CSF)		8	8	15	9	18	8	6	7	10	8	10	3	110
Lead (Pb)		2	2	1	0	2	0	0	1	0	0	1	1	10
Lecithin/Sphingomyelin Ratio		0	0	0	0	0	0	0	0	0	0	0	0	0
Legionella culture		0	0	1	2	1	0	0	0	1	0	1	0	6
Legionella Ab		0	0	3	2	1	4	0	0	0	0	0	0	10
Leptin(비만)		0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospira Ab		0	0	2	2	4	0	4	17	49	16	0	2	96
Levetiracetam		0	0	0	0	0	0	0	17	30	32	40	33	152
LHON 4종 MIND1, MIND4, MIND6 mutation		0	0	1	0	1	1	0	0	0	0	0	0	3
Lithium (Li)		7	7	5	12	13	10	12	9	8	10	15	10	118
Lupus anticoagulant(screening)		0	0	0	0	0	0	0	0	0	0	0	0	0
Lupus anticoagulant(confirm)		0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria PCR 선별검사		0	0	0	0	0	0	0	0	0	0	0	0	0
Manganese (Mn)		1	1	1	0	0	1	0	1	1	0	1	1	8
Marfan syndrome: FBN1 mutation		0	0	0	1	0	0	0	0	0	0	0	0	1
MDMA		0	0	0	0	0	0	0	0	0	0	0	0	0
Measles IgG		0	0	0	0	0	0	0	0	0	0	0	0	0
Measles IgM		0	0	2	1	2	0	0	0	1	0	0	0	6
Measles virus PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
MELAS: MT-TL1 mutation		1	0	0	1	0	0	1	1	1	0	0	0	5
MEN1: MEN1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
MEN2A: RET mutation		0	0	0	0	0	1	0	0	0	0	0	0	1
Menkes: ATP7A mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Mercury (Hg)		1	0	1	0	1	0	0	1	1	0	0	1	6
MERRF: MT-TK mutation		0	0	0	0	0	0	0	0	1	0	0	0	1
Metanephrine.2분획		8	9	7	15	12	11	10	7	9	8	7	8	111
Metanephrine.Total		7	4	3	7	9	9	7	5	6	6	7	4	74
Metanephrine.2분획 (Plasma)		15	11	11	26	27	28	20	15	19	12	19	19	222
Methotrexate		45	37	36	58	60	49	41	26	6	5	14	12	389

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Methylmalonic acid 정량 - 2019.10 신설		0	0	0	0	0	0	1	0	0	1	0	0	2
Methadone		0	0	0	0	0	0	0	0	0	0	0	0	0
MODY3: HNF1A mutation		0	0	0	0	1	0	0	0	0	0	0	0	1
MOG Ab		0	0	0	0	4	2	1	1	4	5	5	3	25
Morphine		0	0	0	0	0	0	0	0	0	0	0	0	0
MPS I & II screening		3	0	1	1	1	3	2	0	1	1	0	0	13
MSA Panel		0	0	0	0	0	0	0	0	0	0	0	1	1
MTHFR 677C/T		1	0	0	0	0	0	0	0	0	0	0	0	1
Mucopolysaccharide 선별		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucopolysaccharide 확진(Enzyme)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucopolysaccharide 정성(TLC)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps IgG		10	2	4	5	6	2	3	2	3	1	1	0	39
Mumps IgM		2	1	1	1	1	0	1	2	2	1	0	0	12
Murine Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
MuSK Ab		12월 신설										5	3	8
MYCN (N-myc)		0	0	0	0	0	0	0	0	0	0	0	0	0
Mycophenolic acid		3	5	9	4	7	7	8	6	5	8	10	6	78
Mycoplasma pneumonia PCR		0	2	0	1	0	1	1	3	0	0	1	0	9
Myotonic dystrophy 1: DMPK mutation		0	0	0	0	0	0	0	0	1	0	0	0	1
N-acetyl-aspartic-acid		0	0	0	0	0	0	0	0	0	0	0	0	0
NEFA (Free fatty acid)		1	2	2	0	2	1	0	0	0	0	1	2	11
Neutropenia: ELANE mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Nickel(Ni, Urine)		0	0	0	0	0	0	0	0	0	0	0	0	0
Nicotine Metabolite		0	0	0	0	0	0	0	0	0	0	0	0	0
NIPS		0	0	0	0	0	0	0	0	0	0	0	0	0
NK 세포활성 자극 인터페론감마		0	0	0	0	0	0	0	0	0	0	0	0	0
Nortriptyline		0	0	0	0	0	0	0	0	0	0	0	0	0
NPM1 gene mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
NSE (Neuron specific enolase)		0	0	0	0	0	0	0	0	0	0	0	0	0
NTM동정(PCR-hybridization)		7	7	10	3	9	14	7	17	11	20	5	8	118
NUDT15 genotyping		2	0	0	2	0	0	1	1	0	0	0	0	6
O.tsutsugamushi Ab		0	1	2	2	6	4	6	17	51	16	0	2	107
OCA1: TYR mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Oligoclonal band (IEF & IF)		2	2	4	2	2	2	1	3	3	5	3	3	32
Oligoclonal band IgG		2	7	5	6	4	6	1	3	8	3	6	2	53
Opiate		0	0	0	0	0	0	0	0	0	0	0	0	0
OPMD: PABPN1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Organic acids 정성		2	4	2	2	2	5	4	1	2	0	3	3	30
Osteocalcin		0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalic acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Oxcarbazepine & metabolites		0	0	0	0	0	0	1	3	9	15	15	15	58
Oxycodone		0	0	0	0	0	0	0	0	0	0	0	0	0
P. falciparum PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. malariae PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. ovale PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
P. vivax PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
PAI-1		0	0	1	0	0	0	1	0	1	1	0	0	4
Paraneoplastic Ab정량 (MNO titer)		0	0	0	0	0	0	0	0	0	0	0	0	0
Paraneoplastic Ab		5	6	7	12	5	8	6	8	6	7	5	6	81
Paratyphoid A,B		0	0	0	1	0	0	0	0	0	0	1	0	2
Parasite specific Ab		7	5	9	11	7	13	6	6	6	12	5	2	89
Parvovirus B19 Ab IgG		1	1	1	0	2	0	0	0	1	0	0	0	6
Parvovirus B19 Ab IgM		1	1	1	0	2	0	0	0	2	0	0	0	7
Parvo B19 PCR		0	0	1	0	2	1	0	4	2	2	1	1	14
Phenol		0	0	0	0	0	0	0	0	0	0	0	0	0
Phencyclidine		0	0	0	0	0	0	0	0	0	0	0	0	0
Phenobarbital		0	3	3	0	1	1	1	4	4	2	3	1	23
Phenytoin		2	0	0	0	0	0	0	0	0	0	0	0	2
Phospholipid		3	1	0	0	2	1	1	6	3	3	2	5	27
PHTS: PTEN mutation		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
PICP		0	0	0	0	0	0	0	0	0	0	0	0	0
PIVKA II		0	0	0	0	0	0	0	0	0	0	0	0	0
PKU: PAH mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Plasma Hb		0	0	0	0	0	0	0	0	0	0	0	6	6
Platelet associated IgG		0	0	0	0	1	0	3	0	0	0	0	0	4
PML-RARA 재배열, 정량		0	0	0	0	0	0	0	0	0	0	0	0	0
Pneumocystis carinii PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Polyomavirus PCR (BK,JC virus)		0	0	0	0	0	0	0	0	0	0	0	0	0
Pompe: GAA mutatin		0	0	0	0	0	0	0	0	0	0	0	0	0
Pompe병 선별 (α-Glucosidase)		1	0	1	0	1	0	0	1	0	5	0	1	10
Porphobilinogen 정량		0	0	0	0	0	0	1	0	0	0	0	0	1
Porphobilinogen 정성		1	2	0	0	0	0	1	0	0	0	1	0	5
Porphyryn 정성		0	0	0	0	0	0	1	0	0	0	0	0	1
Post-BMT VNTR (외부)		0	0	0	0	0	0	0	0	0	0	0	0	0
Prader-Willi/Angelman: PWCR methylation PCR		0	0	0	0	0	0	0	0	0	1	0	0	1
Prealbumin		3	1	3	3	8	2	3	1	8	5	1	6	44
Pregnanediol (P2)		0	0	0	0	0	0	0	0	0	0	0	0	0
Progesterone		0	0	0	0	0	0	0	0	0	0	0	0	0
ProInsulin		0	0	0	0	0	0	0	0	0	0	0	0	0
Propoxyphene		0	0	0	0	0	0	0	0	0	0	0	0	0
Prostate acid phosphatase (PAP)		0	0	0	0	0	0	0	0	0	0	0	0	0
Prostaglandin E2		0	0	0	0	0	0	0	0	0	0	0	0	0
Protein EP (CSF)		3	3	5	3	5	5	2	4	3	4	4	0	41
PTH-related peptide		1	3	2	3	0	2	0	1	1	0	1	2	16
Pyruvic acid		0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies virus Ab		0	0	0	0	0	0	0	1	0	0	0	0	1
RB1 gene mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Renin (PRA)		27	18	35	41	32	36	25	34	29	28	33	32	370
Rett: MECP2 mutation		0	0	0	0	0	0	1	1	0	0	0	0	2
Rota virus Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Rota virus Ag(Stool)		0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella PCR		0	0	1	0	0	1	0	1	2	2	1	0	8
RUNX1/RUNX1T1(AML1-ETO) 재배열, 정량		0	0	0	0	0	0	0	0	0	0	0	0	0
Selenium(Se)		5	3	2	1	1	3	0	1	1	0	6	3	26
Sirolimus		6	1	3	1	1	1	1	3	1	3	2	1	24
SOD1 mutation			7월 신설			0	0	0	0	0	2	1	0	3
Soluble Interleukin 2 receptor		1	0	1	1	1	0	2	1	1	2	0	0	10
Somatomedin-C(IGF-1)		85	100	100	120	115	115	81	97	133	96	124	99	1,265
Spastic paraplegia 4(SPG4): SPAST mutation		0	0	0	1	0	0	0	0	0	0	0	0	1
Spinobulbar muscular atrophy(SBMA): AR mutation		0	0	0	2	0	0	0	0	0	0	1	1	4
SPINK1, PRSS1 mutation		0	0	1	0	0	0	0	0	0	0	0	0	1
Spinocerebellar ataxia (SCA) type 1		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinocerebellar ataxia (SCA) type 2		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinocerebellar ataxia (SCA) type 3		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinocerebellar ataxia (SCA) type 6		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinocerebellar ataxia (SCA) type 7		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinocerebellar ataxia (SCA) type 8		0	1	0	1	1	0	0	0	1	2	0	0	6
Spinal muscular atrophy: SMN-T, NAIP deletion		0	0	0	1	0	0	0	0	0	0	0	0	1
STD 12 Multiplex Real-time PCR	4월 신설		0	1	1	4	1	5	3	2	6	3	5	31
Stone analysis		0	0	0	0	0	0	0	0	0	0	0	0	0
Succinylacetone(SUAC)		0	0	0	0	0	0	0	0	0	0	0	0	0
T.pallidum PCR		0	0	0	1	0	0	0	1	0	0	0	1	3
T ₃ Uptake		0	0	3	1	3	0	1	2	0	1	1	2	14
TBEV (신종전염병 증후군)		0	0	0	0	0	0	0	0	0	0	0	0	0
TBPE (Terabromophenylethylene)		0	0	0	0	0	0	0	0	0	0	0	0	0
Testosterone, free		5	12	14	9	12	16	16	19	23	15	26	19	186
TH resist: THRB mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Theophylline (AMP, AS-contin)		0	0	0	0	0	0	0	0	0	1	1	0	2

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Thrombophilia: Protein C muta.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thyroxin binding globulin (TBG)	1	1	1	0	0	0	0	0	0	1	0	0	0	4
Tobramycin	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Topiramate	6	4	9	11	9	16	8	13	14	10	9	5	114	
Total Galactose	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Lipid	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxocara canis IgG	2	6	7	6	5	6	4	0	4	9	5	3	57	
Toxoplasma IgG	10	7	6	4	9	12	5	12	11	9	8	10	103	
Toxoplasma DNA PCR	0	2	1	0	0	1	0	3	0	2	1	0	10	
TPA (Tissue polypeptide Ag)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
t-PA (Tissue plasminogen activator)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TPLA 정밀	0	0	0	1	1	0	0	0	0	0	1	1	4	
Transferrin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Treacher-Collins: TCOF1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trypsin	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberous Sclerosis: TSC2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberous Sclerosis: TSC1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UA. Iodide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F activity	0	0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F multimer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Very long chain fatty acid	0	0	0	0	0	1	0	0	0	0	0	0	1	
Vitamin B1	4	11	10	10	10	9	4	10	6	5	7	9	95	
Vitamin B2	2	4	4	0	4	1	0	1	1	0	2	0	19	
Vitamine B6 분획	2	6	5	3	4	2	0	1	1	1	2	1	28	
Vitamin E 분획	5	10	4	9	6	11	4	9	6	7	8	8	87	
VMA 정량	7	5	5	9	13	10	8	6	8	6	7	6	90	
von Hippel Lindau: VHL mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VZV IgG	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VZV IgM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VZV PCR	12	5	12	8	17	6	6	3	7	10	6	3	95	
Wade's stain	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warfarin 약물유전 (CYP2C9, VKORC1)	0	0	0	0	1	1	0	0	0	0	1	0	3	
WAS-related ds: WAS mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West nile virus	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wilson: ATP7B major mutation	0	0	2	0	0	0	0	0	0	0	0	0	2	
Wilson: ATP7B mutation	0	0	0	0	0	0	0	0	1	0	0	0	1	
XLA: BTK mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Y Chromosome PCR (SRY gene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yersinia Ab	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zinc (Zn)	4	5	3	2	2	4	0	1	2	2	8	4	37	
α1-Acid glycoprotein	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α1-antitrypsin	1	1	2	1	1	0	0	0	0	0	0	0	6	
α-galactosidase activity (Fabry D.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
α-glucosidase activity (Pompe D.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
β-glucosidase activity (Gaucher D.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(녹십자)														
Total procedure	302	412	431	492	528	511	405	468	639	572	438	483	5,681	
Total patient	267	350	347	404	444	440	326	413	513	476	368	382	4,730	
◆ Allergen ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Drugs ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Foods ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Fugus/Animal/Mites ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Grass/weed ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Insects/Venom ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Occupational ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
◆ Tree ◆	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-nCoV (상기도 PCR)	0	0	0	0	1	0	0	0	0	0	0	0	1	
5-HIAA 정량(Plasma)	2	3	1	6	2	8	4	1	2	1	1	2	33	
결핵약제(RMP/INH) 내성검사														
클리백 내성 유전자 돌연변이	1	0	0	0	0	0	0	1	0	1	0	0	3	

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
미세결실증후군(MLPA)- 1월 신설	0	0	0	0	0	0	0	0	0	0	0	0	0
비유전성 혈액암검사	0	0	0	0	0	0	0	0	0	0	0	0	0
약물유전체검사	0	0	0	0	0	0	0	0	0	0	0	0	0
유전성 유전자검사 (level I)	0	0	0	0	0	0	0	0	0	0	0	0	0
유전성 유전자검사 (level II)	0	0	0	0	0	0	0	0	0	0	0	0	0
전자간증 위험도 (sFlt-1/PlGF ratio)	1	1	1	2	2	1	1	0	2	0	0	2	13
Abalone (F346)	0	1	0	0	0	0	0	0	0	0	2	1	4
Acarus siro (D70)	0	0	0	0	0	0	0	0	0	0	0	0	0
Activated protein C resistant test	0	1	1	2	0	0	1	0	0	0	0	0	5
ADAMTS13 activity [ELISA]	3	0	0	2	1	1	0	4	1	3	2	2	19
Adenovirus IgG	0	0	0	0	0	0	0	0	0	1	0	0	1
Adenovirus IgM	0	0	0	0	0	0	0	1	0	1	0	0	2
Adrenal 21-hydroxylase Ab	0	0	0	1	1	0	1	0	0	1	1	0	5
Aedes communis(Mosquito) (I71)	0	0	0	0	0	0	0	3	0	1	0	0	4
Almond(F20)	0	1	1	4	3	1	3	2	5	2	2	4	28
Alpha-gal (0215)	0	0	2	0	2	0	0	0	1	1	1	1	8
ALS: SOD1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0
American beech (T5)	0	1	0	0	0	1	0	0	0	0	0	0	2
AMH(Anti-Mullerian hormone)	28	34	39	36	52	40	43	41	58	70	53	47	541
Amoxicilloyl (C6)	0	1	1	0	2	2	1	2	0	1	3	5	18
Ampicilloyl (C5)	0	0	0	0	2	1	1	0	0	1	3	5	13
Amyloidosis: TTR mutation	0	0	0	0	0	0	0	0	0	1	0	0	1
Anaplasmosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Anchovy(RF313)	0	0	0	0	0	0	1	1	2	0	1	1	6
Anisakis (P4)	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti gastric parietal Ab	0	0	0	0	0	0	0	0	1	0	0	0	1
Anti intrinsic factor Ab	0	0	0	0	0	0	0	0	0	1	0	0	1
Anti Mitochondria M2 Ab	0	0	0	1	0	0	0	0	0	0	0	0	1
Anti - RNA polymerase 3Ab	0	0	0	7	1	0	0	1	0	2	1	0	12
Apple (F49)	1	0	2	0	0	0	2	0	0	0	1	0	6
Arylsulfatase A	0	0	0	0	0	0	0	0	0	0	0	0	0
Aspergillus fumigates (M3)	1	0	7	2	0	3	0	1	4	5	1	5	29
Banana (F92)	1	0	0	0	0	0	0	0	0	0	0	0	1
Barley (F6)	0	0	0	1	0	0	0	0	0	0	0	0	1
BCR-ABL1 재배열, 정량 (Major)	18	18	17	22	19	20	12	24	25	36	22	26	259
Beef (F27)	2	3	3	0	4	2	1	1	1	2	1	1	21
Bermuda grass (G2)	0	0	0	1	0	0	0	0	0	0	0	0	1
Birch IgG4 (T3)	0	0	3	3	0	3	6	3	4	2	0	3	27
BHD: FLCN variant	0	0	0	0	0	1	0	0	0	0	0	0	1
Black Pepper(F280)	0	0	0	0	0	0	0	0	0	0	0	0	0
Blue Mussel (F37)	1	1	0	0	3	0	0	0	1	0	3	3	12
Blueberry (RF288)	0	0	0	0	0	0	0	1	0	0	0	0	1
Box elder (T1)	0	0	0	0	0	0	0	0	0	0	0	0	0
BRCA1 del/dup (MLPA)	0	0	0	0	0	0	0	0	0	0	0	0	0
BRCA2 del/dup (MLPA)	0	0	0	0	0	0	0	0	0	0	0	0	0
Buckwheat (F11)	0	0	0	0	0	0	0	0	0	0	0	0	0
C1q	0	0	0	2	1	1	0	1	1	1	0	0	7
CALR mutation	0	0	0	0	0	0	0	0	0	0	0	0	0
Candida albicans (M5)	0	0	2	1	1	2	0	0	1	0	0	0	7
Carrot(F31)	0	0	0	0	0	0	0	0	0	0	0	0	0
Casein (F78)	0	2	2	1	5	3	1	1	1	3	3	3	25
Casein IgG4 (F78)	0	0	2	1	3	2	1	1	1	2	3	4	20
Cashew nut (F202)	0	0	2	1	1	1	1	1	0	0	1	0	8
CDT(Carbohydrate deficient transferrin)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cefaclor (C7)	1	4	1	2	0	1	1	1	1	3	2	3	20
Celery (F85)	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheese, cheddar (F81)	0	0	0	0	0	0	1	0	0	0	0	0	1
Cherry(F242)	0	0	0	0	0	0	0	1	0	0	0	0	1
Chicken meat (F83)	0	0	0	0	0	0	0	0	0	0	0	0	0
Chikungunya virus PCR	0	0	0	0	0	0	0	0	0	0	0	0	0

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Chili Pepper (RF279)		0	0	0	0	0	0	0	0	0	1	0	0	1
Chromosome + CMA (Amn.F)		0	1	1	1	0	1	0	0	0	0	0	0	4
Chub mackerel (F50)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cladosporium herbarum (M2)		0	0	1	0	0	1	0	0	0	0	0	0	2
Clam (F207)		1	1	0	0	0	0	0	0	0	0	3	1	6
Clonazepam		1	1	2	0	1	2	1	1	1	1	1	0	12
CMA (Amn.F)		0	0	0	0	0	0	0	1	0	0	0	0	1
CMA (Blood)		0	4	4	3	1	6	1	2	0	1	1	5	28
CMA (Other)		0	0	0	1	0	0	0	0	0	0	0	0	1
CMV PCR (Real-time)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cobalt (Co)		0	0	0	0	0	0	0	0	0	0	0	0	0
Coffee (RF221)		0	0	0	0	1	0	0	0	0	0	0	0	1
Common birch silver (T3)		0	0	0	0	0	0	0	0	0	0	0	0	0
Common wasp (I3)		0	0	0	0	0	2	1	1	0	0	0	0	4
Corn/Maize (F8)		0	0	0	0	0	0	0	1	0	0	0	0	1
Crab (F23)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumber(F244)		0	0	0	0	0	0	0	0	0	0	0	0	0
Curry (RF281)		0	0	0	0	0	0	0	0	0	0	0	0	0
CYP2C9 major polymorphism		0	0	0	0	0	0	0	0	0	0	0	0	0
CYP2C19 major polymorphism		0	0	0	0	0	0	0	0	0	2	0	0	2
Dermatophagoides farinae IgG		0	3	12	6	10	14	14	7	9	10	5	10	100
Dermatophagoides pteronyssinus		0	3	12	6	10	14	14	7	8	9	4	9	96
DHEA		0	1	0	0	0	0	0	0	0	0	0	0	1
Drug Set		0	0	0	0	0	0	0	0	0	0	0	0	0
EGFR mutation (cell-free DNA)		2	5	1	2	3	3	3	0	3	0	1	0	23
Egg white IgG4 (F1)		0	1	5	4	3	2	3	3	4	3	4	4	36
Egg yolk (F75)		1	3	4	6	4	3	1	3	4	3	4	4	40
Elm (T8)		0	0	0	0	0	0	0	0	0	0	0	0	0
EOFAD: PSEN1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Epimerase		0	0	0	0	0	0	0	0	0	0	0	0	0
Estriol(E3)		0	0	0	0	0	0	0	0	0	0	0	0	0
Estron (E1, 불임관련)		0	0	0	0	0	0	0	0	0	0	0	0	0
Everolimus(Certican)		17	37	18	18	16	33	18	31	18	12	8	5	231
Factor II		0	1	0	0	0	0	0	0	1	3	0	0	5
Factor V		3	1	0	0	0	0	0	0	0	1	0	0	5
Factor VII		0	1	0	0	0	0	0	0	2	3	0	0	6
Factor VIII inhibitor Ab		0	1	1	1	2	1	0	0	1	0	0	0	7
Factor VIII related Ag		0	0	0	0	2	1	0	0	0	3	0	0	6
Factor X		0	0	0	0	0	0	0	0	1	3	0	0	4
Factor XI		0	0	0	0	0	0	0	0	0	1	0	0	1
Factor IX inhibitor Ab		0	0	0	0	0	1	0	0	1	0	0	0	2
Factor X II		0	0	0	0	0	0	0	0	1	1	0	0	2
Factor V Leiden Mutation		0	6	5	5	1	6	2	3	3	2	3	1	37
Familial mutation (NGS용)		0	0	0	0	0	0	0	0	0	2	0	0	2
Fecal Calprotectin 정량		22	48	43	56	68	46	45	43	55	42	63	48	579
Fire ant (I70)		0	0	0	0	0	1	0	1	0	0	0	0	2
First double marker		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: ETV6/RUNX1(TEL/AML), t(12:21)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: IGH/FGFR3, t(4:14)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: IGH/CCND1, t(11:14)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: IGH/MAF, t(14:16)		0	0	0	0	0	0	0	0	0	0	0	0	0
FISH: TP53, 17p13		0	0	0	0	0	0	0	0	0	0	0	0	0
Food Set 2		0	0	0	0	0	0	0	0	0	0	0	0	0
Formaldehyde/Formalin (K80)		0	0	0	0	0	0	0	0	0	0	0	0	0
Fusarium proliferatum (M9)		0	0	0	0	0	0	0	0	0	0	0	0	0
G-1-P uridyltransferase		0	0	0	0	0	0	0	0	0	0	0	0	0
Galactokinase		0	0	0	0	0	0	0	0	0	0	0	0	0
Galactose-1-phosphate		0	0	0	0	0	0	0	0	0	0	0	0	0
Garlic (F47)		1	0	0	0	0	0	0	0	0	0	0	0	1
Gene study for Lysosomal		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별 월별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Ginger (RF270)	0	0	0	0	0	0	0	0	0	1	0	0	1	
Gluten (F79)	1	2	2	2	1	1	1	3	0	1	0	0	14	
Gluten IgG (F79G)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grapefruit (F209)	0	0	0	0	0	0	0	0	0	0	1	0	1	
Grass mix(GX2)	2	9	8	9	2	4	7	2	6	7	3	6	65	
Green Pepper (RF263)	0	0	0	0	0	0	0	0	0	1	0	0	1	
Grey alder (T2)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Growth hormone (Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Guinea pig epithelium (E6)	0	0	0	0	0	0	0	0	0	0	0	0	0	
GX3	0	0	0	0	0	0	0	0	0	0	0	0	0	
H.Pylori Ag	0	0	0	0	0	0	0	0	0	0	0	0	0	
Factor IX	0	0	0	0	0	0	0	0	1	3	0	0	4	
Hamster epithelium(E84)	0	0	0	1	0	0	0	0	1	0	0	0	2	
Hantaan virus Ab 정량	1	1	4	5	3	0	5	4	30	8	1	1	63	
Hazel nut (F17)	0	0	0	3	1	0	0	0	1	0	0	1	6	
Hazel (T4)	0	0	3	1	0	1	0	0	3	0	0	0	8	
Hemochromatosis: C282Y/H630	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEV IgM	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hexosaminidase A assay	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hexosaminidase A/B	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hexosaminidase B assay	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLH: PRF1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLH: UNC13D mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
HNPP: PMP22 del/dup	1	0	0	0	1	2	0	1	1	0	1	0	7	
Honeybee venom (I1)	0	0	0	0	0	2	1	2	0	0	0	0	5	
HPV Probe(HCS)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HPV Probe(Low risk)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HSP: SPAST mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
HTLV- I . II Ab (CSF)	11	5	15	6	16	3	5	3	6	9	7	3	89	
Human herpesvirus type 6 PCR	0	0	0	0	0	0	0	1	0	0	1	0	2	
Humulus japonicus (W22)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hydroxyproline, Total	0	0	0	0	0	0	0	0	0	0	0	0	0	
Inhalant Set 3	0	0	0	0	0	0	0	0	0	0	0	0	0	
Inhalant Set 2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Insuline human (C73)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Integrated Test(1차)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Integrated Test(2차)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Isocyanate TDI (K75)	0	0	0	0	0	0	0	0	0	0	1	0	1	
Isocyanate MDI (K76)	0	0	0	0	0	0	0	0	0	0	1	0	1	
Japanese Cedar (T17)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kiwi fruit (F84)	0	0	2	2	0	0	0	1	0	1	0	0	6	
KONOS 등록 검체	13	8	8	10	11	16	3	8	8	7	9	6	107	
Lamb's quarters (W10)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Latex(Brazilian rubber tree) (K82)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Leptin(비만)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Leptospira Ab 정량 (MAT)	1	1	4	5	3	0	4	4	27	7	1	0	57	
Lipoprotein EP	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lobster (F80)	2	1	0	2	2	1	0	2	0	2	2	0	14	
Long QT Syndrome: KCNH2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Long QT Syndrome: KCNQ1 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Long QT Syndrome: SCN5A mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Macadamia nut (RF345)	0	0	1	0	0	0	1	0	0	1	0	2	5	
Mango (F91)	0	0	0	1	0	0	0	0	0	0	0	0	1	
Maple leaf sycamore (T11)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Maternal Serum AFP(MS-AFP)	4	1	1	0	1	3	0	0	2	5	2	2	21	
Meadow fescue (G4)	0	0	0	0	0	0	0	0	0	0	0	0	0	
MERS-CoV 유전자 검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mix tree pollen (Tx5)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Molds & Yeasts mix(Mx1)	2	8	1	5	1	0	3	0	2	4	2	5	33	
Molds & Yeasts (Mx2)	0	0	0	0	0	0	1	0	0	0	0	0	1	

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
MPL gene W515 mutation		0	0	1	0	1	1	0	0	0	0	3	0	6
MPS I screening (Hurler D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
MPS II screening (Hunter D.)		0	0	0	0	0	0	0	0	0	0	0	0	0
MPS I & II screening		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucopolysaccharide 선별		0	0	0	0	0	0	0	0	0	0	0	0	0
Mucor racemosus (M4)		0	0	0	0	0	0	0	0	0	0	0	0	0
Murgwort (W6)		0	0	0	1	1	0	2	1	2	0	1	1	9
Mutton (F88)		0	0	0	0	0	0	1	0	0	0	1	0	2
Mycoplasma pneumonia IgG		3	2	6	14	6	5	5	8	6	3	1	6	65
Nettle (W20)		0	0	0	0	0	0	0	0	0	0	0	0	0
Neurofibromatosis2: NF2 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Neurofibromatosis1: NF1 mutation		0	0	0	0	0	0	0	0	1	1	0	0	2
NGS-Alport Syndrome (Level I)		0	0	0	0	0	0	0	0	0	0	0	1	1
NGS-AML (level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Arrhythmia (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Ataxia (Level I)		0	1	1	0	0	0	0	0	0	0	0	0	2
NGS-Atypical HUS (Level I)		0	0	0	0	0	0	0	0	0	0	0	1	1
NGS-Cardiomyopathy (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Charcot-Marie-Tooth disease (Level II)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Coagulation (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Congenital adrenal hyperplasia (Level I)		0	0	1	0	0	0	0	0	0	0	0	1	2
NGS-Connective tissue disorder (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Dermatology (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Dystonia		0	0	0	0	0	0	0	0	0	0	0	1	1
NGS-Epilepsy (Level I)		3	1	2	1	0	0	1	1	1	0	1	0	11
NGS-Hearing loss (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary autism (Level I)		0	0	0	0	0	0	0	0	0	1	0	0	1
NGS-Hereditary cancer I		0	0	0	0	0	1	0	0	0	0	0	0	1
NGS-Hereditary cancer II		1	1	0	1	0	0	2	1	0	0	0	0	6
NGS-Hereditary cancer syndrome 21 (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary cancer syndrome 23 (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary retinopathy (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary spastic paraplegia (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Hereditary stroke (Level I)		2	0	3	3	2	2	1	1	2	0	0	0	16
NGS-Hypothyroidism (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Inborn error of metabolism (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Lysosomal storage disease (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-MDS/MPN (level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-MODY		1	0	0	0	0	0	0	0	0	0	0	0	1
NGS-Muscular dystrophy (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Myopathy (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Nerodegenerative disease (Level I)		1	0	0	0	0	0	0	0	0	0	0	0	1
NGS-Neuroendocrine tumor		0	0	0	0	0	1	0	0	0	0	0	0	1
NGS-Parkinson's disease		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Primary immune deficiency (Level I)		0	1	0	0	0	0	0	1	0	0	0	0	2
NGS-Proportionate short stature (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Rasopathies (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Retinitis pigmentosa (Level II)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Skeletal dysplasia (Level I)		0	0	0	0	0	0	0	0	0	0	0	0	0
NGS-Solid cancer, cell-free DNA (Level II)		0	0	0	0	2	7	0	1	1	0	0	1	12
Nicotine Metabolite		0	0	0	0	0	0	0	0	0	0	0	0	0
NIPS		0	0	0	0	0	0	0	1	2	3	1	0	7
O.tsutsugamushi Ab 정량		1	1	4	5	3	0	2	3	41	11	1	1	73
Oak (T7)		0	1	2	3	0	2	5	0	5	2	1	2	23
Oak IgG4 (T7)		0	0	1	2	0	0	1	0	3	0	0	1	8
Oat (F7)		4월 신설		0	0	0	0	0	0	1	0	0	0	1
Octopus (F59)		0	0	0	0	1	0	0	0	0	0	0	1	2
Omega-5-gliadin (F416)		2	2	2	1	1	0	0	4	0	1	0	5	18
Orange (F33)		0	0	0	2	0	0	0	0	0	0	1	0	3
Orchard grass (G3)		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별 월별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
Ovalbumin (F232)	0	0	1	2	1	0	0	1	1	0	1	0	7	
Ovomucoid (F233)	0	1	3	3	4	0	2	2	4	2	3	3	27	
Ovomucoid IgG4 (F233)	0	0	4	3	2	0	2	2	4	1	2	3	23	
Ox-eye daisy (W7)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Oyster (F290)	0	1	0	1	0	0	0	0	1	1	3	1	8	
Pacific squid (F58)	4월 신설		0	0	0	0	0	0	1	2	0	0	3	
Paper wasp venom (I4)	0	0	0	0	0	2	1	1	0	0	0	0	4	
Paraquat(Gramoxone)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peach (F95)	2	0	2	1	1	1	2	0	0	1	0	1	11	
Peanut IgG4 (F13)	0	0	0	5	0	1	0	0	2	1	2	3	14	
Penicilloyl G (C1)	1	2	1	0	2	1	1	1	1	2	2	5	19	
Penicilloyl V (C2)	1	2	1	0	2	1	1	0	1	2	2	5	18	
Penicillium notatum (M1)	0	0	2	1	0	0	0	0	0	0	0	0	3	
Perennial rye (G5)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Phadiatop immuno CAP	0	0	0	0	1	0	1	0	0	0	0	0	2	
Pine nuts(F253)	0	0	2	2	2	1	0	2	3	2	1	1	16	
Pistachio (F203)	0	0	0	0	1	0	1	0	0	0	1	0	3	
PML-RARA 재배열, 정량	1	3	2	5	2	2	3	3	2	0	2	0	25	
Pneumocystis carinii PCR	11	10	23	13	20	26	24	45	24	38	32	38	304	
Pork (F26)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Potato (F35)	0	0	0	0	0	0	0	0	0	0	0	1	1	
Protein C Ag	9	10	9	6	9	8	6	3	3	3	3	3	72	
Protein S Ag, total	8	8	9	5	9	8	6	3	2	3	2	3	66	
Protein S Ag, free	7	8	5	4	8	5	5	3	1	3	2	3	54	
Protein C activity	0	0	0	0	0	0	0	0	0	0	0	0	0	
Protein S activity	28	32	22	32	48	42	41	33	34	38	26	21	397	
Prothrombin G20210A: F2 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pyruvic acid	16	18	12	10	14	14	11	11	9	7	9	7	138	
Quad test	0	0	0	1	0	0	0	0	0	0	0	2	3	
R. typhi 정량 (Murine typhus)	0	0	0	0	0	0	0	1	0	0	0	0	1	
Rabbit epithelium (E82)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ribosomal P Ab	0	0	1	1	5	3	1	2	2	2	0	0	17	
Rice (F9)	0	0	0	0	0	0	0	0	0	0	0	0	0	
rPen a 1 Tropomyosin, Shrimp (F351)	0	0	0	1	0	0	1	0	0	0	0	1	3	
RUNX1/RUNX1T1(AML1-ETO) 재배열, 정량	2	2	2	0	1	3	3	0	0	0	0	0	13	
Rye (F5)	4월 신설		0	0	0	0	0	1	0	0	0	0	1	
Salmon (F41)	0	0	1	1	1	0	1	0	1	1	0	0	6	
Scallops (F338)	0	1	0	0	0	0	0	0	0	0	1	2	4	
Sequential Test(1차)	5	8	9	6	7	3	4	10	9	4	7	8	80	
Sequential Test(2차)	4	5	6	10	7	5	3	4	11	7	3	5	70	
Serotonin	1	0	0	1	0	0	1	0	0	0	0	1	4	
Sesame seed (F10)	0	0	0	0	0	0	0	0	0	0	0	0	0	
SFTS(중증열성혈소판감소증후군)	0	0	2	4	5	3	3	10	38	21	2	1	89	
Short common ragweed (W1)	0	0	0	0	0	0	2	2	6	1	1	3	15	
Shrimp (F24)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Squid(F258)	0	0	0	0	0	0	0	0	0	0	0	2	2	
SRP auto Ab	0	0	0	0	0	1	0	0	0	0	0	1	2	
β-D-Glucan	5	6	4	2	14	14	3	28	20	33	18	33	180	
Staphylococcal enterotoxin A (M80)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Staphylococcal enterotoxin B (M81)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stone analysis (함량보고)	19	19	11	30	26	22	6	14	21	19	26	20	233	
Strawberry (F44)	0	0	0	0	0	0	1	0	0	0	0	0	1	
TCR gamma 재배열	1	0	0	1	0	0	0	0	0	0	0	0	2	
Thrombin time	0	0	2	0	1	1	0	0	0	0	1	0	5	
Thyroid stimulating Ab (TS Ab)	10	23	15	27	22	26	15	13	26	13	14	23	227	
Timothy (G6)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tomato (F25)	1	0	0	1	1	0	0	0	0	0	1	0	4	
Toxocarosis	0	0	0	0	0	0	0	0	0	0	0	0	0	
Toxoplasma DNA PCR	0	0	0	0	0	0	0	0	0	0	0	0	0	
TPMT major polymorphism	2	0	1	2	1	1	0	3	0	0	2	0	12	

검사별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Tree pollen Mix(Tx9)		2	9	7	8	3	10	9	3	6	8	5	12	82
Triple test		0	0	0	0	0	0	0	0	0	0	0	0	0
Tryptase		3	0	1	6	6	6	4	9	8	8	3	5	59
Tuna (F40)		1	0	0	0	1	0	0	0	1	2	0	0	5
TX6		0	0	0	0	0	0	0	0	0	0	0	0	0
Tyrophagus putrescentiae (D72)		0	0	0	0	0	0	0	0	0	0	0	0	0
V.W.F activity		0	2	1	0	2	2	0	1	2	4	2	0	16
Voriconazole		1	0	0	0	0	1	1	0	5	1	0	1	10
Walnut (F256)		0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Mix (Wx1)		0	0	0	1	0	0	0	0	0	0	0	0	1
Weed Mix (Wx5)		0	0	0	0	0	0	0	0	0	0	0	0	0
Whear IgG (F4G)		0	0	0	0	0	0	0	0	0	0	0	0	0
White ash (T15)		0	1	0	0	0	0	0	0	0	0	0	0	1
White-face hornet venom (I2)		0	0	0	0	0	2	1	1	0	0	0	0	4
Willow (T12)		0	0	0	0	0	2	0	0	0	0	0	0	2
Yeast(F45)		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow fever virus Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow fever virus PCR		0	0	0	0	0	0	0	0	0	0	0	0	0
Yellow hornet venom (I5)		0	0	0	0	0	2	1	1	0	0	0	0	4
Zellweger:PEX1 mutation		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 급여)		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 임신부)		0	0	0	0	0	0	0	0	0	0	0	0	0
Zika virus (PCR, 비급여)		0	1	0	0	0	0	0	0	0	0	0	0	1
Zonisamide		1	1	0	4	2	7	2	3	1	4	3	4	32
α1- antitrypsin clearance		0	0	0	0	0	0	0	0	0	0	0	0	0
α-Galactosidase		0	0	0	0	0	0	0	0	0	0	0	0	0
α-galactosidase activity		0	0	0	0	0	0	0	0	0	0	0	0	0
α-glucosidase activity		0	0	0	0	0	0	0	0	0	0	0	0	0
α-lactalbumin (F76)		0	2	1	0	5	1	0	0	0	3	3	3	18
β-glucosidase activity		0	2	1	0	0	0	0	0	0	0	0	0	3
β-lactoglobulin (F77)		0	0	0	0	5	1	0	0	1	3	3	3	16
(부산백외부의뢰)														
Total procedure		339	447	458	547	483	537	478	396	450	600	495	275	5,505
Total patient		280	372	360	463	374	450	392	333	368	491	440	257	4,580
25-OH Vit.D3		99	99	126	143	115	118	95	81	109	131	90	102	1,308
Aldosterone		0	0	0	0	0	0	0	0	0	0	0	0	0
Amikacin		0	4	0	2	0	3	1	0	0	2	0	0	12
ANCA 정성		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti CCP Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Cardiolipin Ab IgG		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Cardiolipin Ab IgM		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Mitochondrial Ab		0	0	0	1	48	41	41	35	46	60	33	본원검사	305
Anti Smooth Muscle Ab		0	0	0	2	50	42	44	36	47	58	34	본원검사	313
Anti Liver KidneyMicrosomal Ab		0	0	0	1	36	25	27	22	31	41	17	0	200
Anti Mitochondrial Ab titer		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Smooth Muscle Ab titer		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Parietal cell Ab		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Parietal cell Ab titer		0	0	0	0	0	0	0	0	0	0	0	0	0
Anti ENA Ab Group		0	0	0	0	0	0	0	0	0	0	0	0	0
Aspergillus Ag(Galactomannan)		0	0	0	0	0	0	0	0	0	0	0	0	0
Buckwheat (F11)		0	0	0	0	0	0	0	0	0	0	0	0	0
Carbamazepine (Tegretol)		0	3	3	1	0	5	3	2	2	0	4	1	24
Carbamazepine-epoxide		0	0	0	0	0	0	0	0	0	0	0	0	0
Chicken meat (F83)		0	0	0	0	0	0	0	0	0	0	0	0	0
Chub mackerel (F50)		0	0	0	0	0	0	0	0	0	0	0	0	0
C-Peptide		0	0	0	0	0	0	0	0	0	0	0	0	0
Crab (F23)		0	0	0	0	0	0	0	0	0	0	0	0	0
Cystatin C		0	0	0	0	0	0	0	0	0	0	0	0	0
D000-◆ 단백질효소분획검사 ◆		0	0	0	0	0	0	0	0	0	0	0	0	0
D001-Protein EP (Serum)		0	0	0	0	0	0	0	0	0	0	0	0	0

검사별 월별	2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
D002-Protein EP (24hr Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0
D004-Immunoelectrophoresis (Serum)	0	0	0	0	0	0	0	0	0	0	0	0	0
D005-Immunoelectrophoresis (24hr Urine)	0	0	0	0	0	0	0	0	0	0	0	0	0
D019-Valproic acid (Orfil. Depakin)	0	0	0	0	0	0	0	0	0	0	0	0	0
D020-Vancomycin	0	0	0	0	0	0	0	0	0	0	0	0	0
Digoxin (DGX)	14	19	12	12	15	10	11	9	9	10	9	5	135
EBV profile	0	0	0	0	0	0	0	0	0	0	0	0	0
Food set 2	0	0	0	0	0	0	0	0	0	0	0	0	0
Free Phenyton	0	0	0	0	0	0	0	0	0	0	0	0	0
Gentamicin	1	0	0	0	0	0	0	0	0	0	0	0	1
Growth hormone (Serum)	49	66	57	103	69	132	91	56	49	80	98	본원검사	850
HSV IgM (H.Simplex virus)	0	0	0	0	0	0	0	0	0	0	0	0	0
Humulus japonicus (W22)	0	0	0	0	0	0	0	0	0	0	0	0	0
IGF-BP3	0	0	0	0	0	0	0	0	0	0	0	0	0
IGRA(결핵균특이항원자극 INF-R 검사)	0	0	0	0	0	0	0	0	0	0	0	0	0
Imipramine & Desipramine	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles IgG	11	11	10	18	16	15	12	9	11	8	8	5	134
Mercury (Hg)	0	0	0	0	0	0	0	0	0	0	0	0	0
Methotrexate	0	0	0	0	0	0	0	0	0	0	0	0	0
Mix tree pollen (Tx5)	3	9	0	0	0	0	0	0	0	0	0	0	12
Mycoplasma pneumonia IgM	0	0	0	0	0	0	0	0	0	0	0	0	0
Netilmicin (Akocin)	0	0	0	0	0	0	0	0	0	0	0	0	0
NGAL	0	0	0	0	0	0	0	0	0	0	0	0	0
NK 세포활성 자극 인터페론감마	0	1	0	0	1	33	38	41	54	101	80	61	410
Phenobarbital	0	0	0	0	0	0	0	0	0	0	0	0	0
Phenytoin (Dilantin.DLT)	0	0	0	0	0	0	0	0	0	0	0	0	0
Pork (F26)	0	0	0	0	0	0	0	0	0	0	0	0	0
Progesterone	1	8	10	4	6	13	11	12	12	10	17	13	117
Quantiferon-TB	0	0	0	0	0	0	0	0	0	0	0	0	0
Shrimp (F24)	0	0	0	0	0	0	0	0	0	0	0	0	0
Somatomedin-C (IGF-1)	0	0	0	0	0	0	0	0	0	0	0	0	0
T309-Ig E	0	0	0	0	0	0	0	0	0	0	0	0	0
T321-HAV IgG	0	0	0	0	0	0	0	0	0	0	0	0	0
T323-HBc Ab IgG	0	0	0	0	0	0	0	0	0	0	0	0	0
T324-HBc Ab IgM	0	0	0	0	0	0	0	0	0	0	0	0	0
T325-HBe Ag	0	0	0	0	0	0	0	0	0	0	0	0	0
T326-HBe Ab	0	0	0	0	0	0	0	0	0	0	0	0	0
T359-PSA, free	1	3	2	5	0	1	1	3	1	1	2	0	20
T418-Estradiol (E2)	0	0	0	0	0	0	0	0	0	0	0	0	0
T419-FSH	0	0	0	0	0	0	0	0	0	0	0	0	0
T420-LH (Luteinizing hormone)	0	0	0	0	0	0	0	0	0	0	0	0	0
T421-Prolactin	0	0	0	0	0	0	0	0	0	0	0	0	0
T422-Testosterone	0	0	0	0	0	0	0	0	0	0	0	0	0
T433-CMV IgM	0	0	0	0	0	0	0	0	0	0	0	0	0
TDM 자문	0	0	0	0	0	0	0	0	0	0	0	0	0
TDM 자문 (2종이상)	0	0	0	0	0	0	0	0	0	0	0	0	0
Theophylline (AMP.AS-contin)	0	0	0	0	0	0	0	0	0	0	0	0	0
TSH Receptor Ab	0	0	0	0	0	0	0	0	0	0	0	0	0
Weed Mix (Wx5)	3	7	0	0	0	0	0	0	0	0	0	0	10
C.difficile culture	35	48	36	64	47	43	42	40	33	31	34	28	481
Rota virus Ag (Stool)	0	0	0	0	0	0	0	0	0	0	0	0	0
결핵약제(RMP/INH) 내성검사	7	5	7	9	8	8	4	2	0	0	0	0	50
Anti Liver Kidney Microso. Ab	16	25	35	32	3	3	1	0	0	0	0	0	115
Anti Mitochondrial Ab	24	38	61	48	7	8	5	0	0	0	0	0	191
Anti Mitochondrial Ab titer	0	0	0	0	0	0	0	0	0	0	0	0	0
Anti Smooth Muscle Ab	28	43	61	51	5	5	4	0	0	0	0	0	197
Anti Smooth Muscle Ab titer	0	0	0	0	0	0	0	0	0	0	0	0	0
세균동정 (염기서열분석)	0	0	0	0	0	0	0	0	0	0	0	0	0
ABO Genotyping (Sequencing)	0	0	1	0	0	1	0	0	0	0	0	0	2
C.trachomatis(DNA probe)	0	0	0	0	0	0	0	0	0	0	0	0	0

검사별 일별	2020년											2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월		
CMV PCR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BKV 정량 (real-time PCR)	9	8	7	6	9	8	4	9	13	14	22	16	125	
CALR mutation	1	0	2	0	1	1	1	0	2	4	0	1	13	
EBV 정량 (rela-time PCR)	0	0	0	0	0	0	0	0	0	0	0	0	0	
DSA(Class I.II)	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: BCR/ABL1, t(9:22)	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: RUNX1/RUNX1T1(AML1/ETO), t(8:21)	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: X/Y	0	0	0	0	0	0	0	0	0	0	0	0	0	
FISH: PML/RARA, t(15:17)	0	0	0	0	0	0	0	0	0	0	0	0	0	
FLT3 Mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
HCV RNA 정성 (RT-PCR Hybridization)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HCV Genotyping	0	6	5	9	7	2	4	7	1	5	10	7	63	
HCV RNA 정량 (real-time PCR)	7	0	0	0	0	0	0	0	0	0	0	0	7	
HLA A type (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLA B type (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLA C type (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLA DR type (High)	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLA C DNA	0	0	0	0	0	0	0	0	0	0	0	0	0	
HLA형체 동정검사, 단일항원 Class I	3	3	2	3	2	1	4	1	1	0	2	1	23	
HLA형체 동정검사, 단일항원 Class II	2	2	2	3	2	0	4	1	2	1	2	1	22	
IGH 유전자 재배열검사	2	2	0	2	1	0	3	1	3	4	2	7	27	
IGK 유전자 재배열검사	2	2	0	2	1	0	3	1	3	4	2	7	27	
JAK2 exon 12 Mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
JAK2 Mutation	3	2	7	5	7	1	9	8	6	11	8	3	70	
Joubert: TMEM216 mutation	0	0	0	0	0	0	0	0	0	0	0	0	0	
NPM1 gene mutation	0	1	1	0	0	0	0	0	0	0	0	0	2	
NTM 동정(PCR-RFLP)	0	0	0	0	0	0	0	0	0	0	0	0	0	
post-BMT polymorphism (STR)	6	10	5	3	5	4	3	6	5	5	8	5	65	
PRA Screening class I	6	10	3	8	10	7	5	6	4	9	6	4	78	
PRA Screening class II	6	10	3	8	10	7	5	6	4	9	6	4	78	
pre-BMT polymorphism (STR)	0	2	0	2	2	0	2	2	2	1	1	4	18	
RUNX1/RUNX1T1(AML1-ETO) 재배열 정성	0	0	0	0	0	0	0	0	0	0	0	0	0	
Warfarin 약물 유전형 검사	0	0	0	0	0	0	0	0	0	0	0	0	0	
(씨젠의료재단)														
Total procedure	2,067	1,480	1,766	1,687	1,445	1,644	611	486	466	531	437	503	13,123	
Total patient	1,891	1,299	1,657	1,554	1,343	1,516	580	476	419	491	419	484	12,129	
2019-nCoV (상기도 PCR)	2,040	1,461	1,750	1,675	1,437	1,634	610	484	465	529	379	134	12,598	
2019-nCoV (하기도 PCR)	27	19	16	12	8	10	1	2	1	2	1	0	99	
2019-nCoV (취합검사, 외부의뢰)														
					21년 1월 신설									
												57	369	426

3. 혈액은행 월별 통계

1) 검사 통계

검사별	월별		2020년										2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
ABO Typing(혈구형)	4,770	4,741	4,943	5,844	5,872	5,538	5,118	5,499	5,675	5,538	5,342	4,837	63,717		
ABO Typing(혈청형)	2,100	2,130	2,356	3,034	3,051	2,665	2,630	2,808	2,908	2,780	2,546	2,297	31,305		
Rh Typing	4,813	4,771	4,974	5,874	5,903	5,569	5,148	5,530	5,705	5,569	5,373	4,865	64,094		
Coomb's direct test	47	30	43	53	40	45	22	62	48	0	0	0	390		
Coomb's indirect test	33	21	30	43	32	34	14	54	33	0	0	0	294		
Cross-matching	3,994	3,134	2,661	3,798	4,535	4,239	4,035	4,643	4,339	3,524	3,419	2,887	45,208		
Transfusion	3,759	2,926	2,498	3,564	4,270	4,003	3,737	4,379	4,044	3,340	3,111	2,616	42,247		
Unexpected Ab screening	2,706	2,733	2,773	3,130	3,116	2,827	2,775	2,949	3,050	3,048	3,059	2,730	34,896		
계(TOTAL)	22,222	20,486	20,278	25,340	26,819	24,920	23,479	25,924	25,802	23,799	22,850	20,232	282,151		

2) 수혈 통계

A. 혈액형별

검사별	월별		2020년										2021년		계	%
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월				
A(+)	1,086	943	750	1,137	1,340	1,536	1,193	1,766	1,624	1,299	1,099	975	14,748	34.91%		
A(-)	15	3	4	3	0	2	5	0	4	1	2	0	39	0.09%		
B(+)	816	772	722	1,064	1,172	1,008	906	832	818	757	681	672	10,220	24.19%		
B(-)	1	0	0	0	0	0	0	0	0	0	0	0	1	0.00%		
O(+)	1,447	929	726	1,119	1,345	1,095	1,221	997	1,295	1,023	966	760	12,923	30.59%		
O(-)	3	0	0	0	0	0	0	0	3	1	1	0	8	0.02%		
AB(+)	391	271	294	239	413	362	412	784	298	259	359	209	4,291	10.16%		
AB(-)	0	8	2	2	0	0	0	0	2	0	3	0	17	0.04%		
계	3,759	2,926	2,498	3,564	4,270	4,003	3,737	4,379	4,044	3,340	3,111	2,616	42,247	100%		

B. 혈액성분별

검사별	월별		2020년										2021년		계	%
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월				
W.B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	
Packed RBC	973	1,133	863	1,209	1,161	1,095	997	1,072	1,057	962	992	818	12,332	29.2%		
Washed RBC	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%		
Platelet Concentrate	1,839	1,078	1,030	1,568	1,937	1,994	1,946	2,144	1,973	1,396	1,284	1,215	19,404	45.9%		
Fresh Frozon Plasma	425	285	203	353	488	446	391	626	513	501	415	256	4,902	11.6%		
Cryoprecipitate	30	0	1	0	23	11	8	33	16	11	8	0	141	0.3%		
SDP[적십자]	194	197	146	189	246	201	164	219	214	234	186	126	2,316	5.5%		
Filtered RBC	298	233	255	245	415	256	231	285	271	236	226	201	3,152	7.5%		
계	3,759	2,926	2,498	3,564	4,270	4,003	3,737	4,379	4,044	3,340	3,111	2,616	42,247	100.0%		

4. 병리와 검사 통계

1) 조직병리검사

구분		일별	2020년										2021년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
조직검사 종류별 의뢰건수	환자수		1,362	1,590	1,693	2,251	2,367	2,093	1,882	2,006	2,391	2,442	2,064	1,792	23,933
	level A		145	200	219	237	239	134	132	126	138	147	139	138	1,994
	level B		708	875	953	1,373	1,460	1,382	1,132	1,313	1,595	1,594	1,199	1,022	14,606
	level C (9개 이하)		361	381	386	467	467	411	416	397	482	485	513	435	5,201
	level C (10개 이상)		15	18	17	34	42	32	32	32	28	39	40	39	368
	level D (9개 이하)		54	60	59	63	71	57	81	61	70	83	78	78	815
	level D (10개~15개)		25	17	21	22	28	17	32	27	21	26	33	23	292
	level D(16개이상)		54	39	38	54	58	59	57	48	55	67	62	57	648
동결절편 검사	환자수		105	81	85	113	131	102	113	117	108	116	138	109	1,318
	건수		340	207	222	281	415	406	290	318	306	341	369	245	3,740
일반염색(H&E)			4,856	5,234	5,207	7,110	8,448	7,365	6,586	6,948	7,560	8,658	7,736	6,353	82,061
특수염색			256	373	457	528	634	480	420	542	649	693	534	513	6,079
EM	환자수		4	10	5	8	4	7	11	6	3	7	7	11	83
	건수		4	10	5	8	4	7	11	6	3	7	7	11	83
면역형광 염색	환자수		4	7	5	10	6	8	12	7	4	9	7	10	102
	건수		36	65	38	88	42	70	96	65	30	69	63	88	905
면역조직 화학적 염색	ER/PR		80	61	77	108	95	96	102	105	139	141	120	98	1,217
	Cytokeratin 외 100여종		1,046	927	922	1,233	1,179	1,070	1,191	936	1,098	1,255	1,274	1,129	13,227
	형태계측검사		16	13	15	23	27	24	31	18	26	34	34	24	322
골수세포군집 검사															0
부검(태아)			0	0	0	1	2	1	0	2	2	1	0	0	9
합계	환자수		1,475	1,688	1,788	2,383	2,510	2,211	2,018	2,138	2,508	2,575	2,216	1,922	25,445
	건수		7,851	8,280	8,417	11,393	12,972	11,477	10,477	10,818	12,064	13,493	12,062	10,115	129,573

2) Cytopathology (세포병리검사)

구분		일별	2020년																2021년				계					
			3월		4월		5월		6월		7월		8월		9월		10월		11월		12월				1월		2월	
			R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	Routine	Sure. p
검사 항목	부인과 (Gyn)	환자수	87	199	190	242	261	321	401	503	422	530	280	481	208	491	344	501	425	493	433	385	250	361	249	320	3,550	4,827
		건수	87	199	190	242	261	321	401	503	422	530	280	481	208	491	344	501	425	493	433	385	250	361	249	320	3,550	4,827
	비부인과 (Non-Gyn)	환자수		274		293		338		428		429		310		328	2	346	3	361	1	380		277		268	6	4,032
		건수		274		293		338		428		429		310		328	4	346	6	361	2	380		277		268	12	4,032
	세침흡입 (ABC)	환자수	2	80	9	92	7	76	10	112	10	97	6	118	7	106		96	4	109	9	109	11	138	9	111	84	1,244
		건수	8	80	36	92	28	76	40	112	40	97	24	118	28	106		96	16	109	36	109	44	138	36	111	336	1,244
계(Total)		환자수	89	553	199	627	268	735	411	1,043	432	1,056	286	909	215	925	346	943	432	963	443	874	261	776	258	699	3,640	10,103
		건수	95	553	226	627	289	735	441	1,043	462	1,056	304	909	236	925	348	943	447	963	471	874	294	776	285	699	3,898	10,103

3) 비부인과 검사 (세부적분류)

구분	월별	2020년												2021년				계										
		3월		4월		5월		6월		7월		8월		9월		10월				11월		12월		1월		2월		
		R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	Routine	Sure. p	
검사 항목	Sputum	환자수	2		1		4		17		25		16		14	2	12	3	18	1	11		1				6	121
		건수	2		1		4		17		25		16		14	4	12	6	18	2	11		1				12	121
	B/W	환자수	49		66		92		101		75		52		81		77		55		69	0	60	0	57		0	834
		건수	49		66		92		101		75		52		81		77		55		69	0	60	0	57		0	834
	A/F & B/F	환자수	70		72		66		105		97		58		98		95		107		126	0	79	0	75		0	1,048
		건수	70		72		66		105		97		58		98		95		107		126	0	79	0	75		0	1,048
	Urine	환자수	102		112		125		153		179		136		99		129		140		146	0	127	0	113		0	1,561
		건수	102		112		125		153		179		136		99		129		140		146	0	127	0	113		0	1,561
	CSF	환자수	15		17		13		16		10		18		10		14		9		9	0	2	0	8		0	141
		건수	15		17		13		16		10		18		10		14		9		9	0	2	0	8		0	141
	FNA	환자수	2	80	9	92	7	76	10	112	10	97	6	118	7	106		96	4	109	9	109	11	138	9	111	84	1,244
		건수	8	80	36	92	28	76	40	112	40	97	24	118	28	106		96	16	109	36	109	44	138	36	111	336	1,244
	기타	환자수	36		25		38		36		43		30		26		19		32		19	0	8	0	15		0	327
		건수	36		25		38		36		43		30		26		19		32		19	0	8	0	15		0	327
계	환자수	2	30	9	385	7	414	10	540	10	526	6	428	7	434	2	442	7	470	10	489	11	415	9	379	90	5,276	
	건수	8	354	36	385	28	414	40	540	40	526	24	428	28	434	4	442	22	470	38	489	44	415	36	379	348	5,276	

4) Molecular genetics (분자병리검사)

구분	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
HPV Real time PCR		48	68	94	166	177	172	177	156	153	122	85	93	1,511
MTB PCR		18	11	10	16	14	13	15	12	5	18	17	17	166
BRAF		13	12	27	27	17	26	35	27	27	41	33	41	326
K ras		19	18	16	20	13	15	16	10	13	21	14	18	193
EGFR		18	13	26	26	22	12	21	17	20	16	16	22	229
Other		48	40	47	62	49	46	61	39	50	63	54	52	611
SISH/ISH		40	34	36	23	57	36	35	32	37	53	45	23	451
시행건수		204	196	256	340	349	320	360	293	305	334	264	266	3,487

5. 방사선종양학과 통계

구분	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
초진		71	52	33	59	52	58	41	62	65	53	59	53	658
재진		2,070	1,651	1,441	1,620	1,537	1,482	1,453	1,308	1,645	1,612	1,621	1,550	18,990
계(TOTAL)		2,141	1,703	1,474	1,679	1,589	1,540	1,494	1,370	1,710	1,665	1,680	1,603	19,648
I.C.R.T수														

6. 핵의학과 통계

1) Gamma SPECT SCAN

구분	2020년												2021년		계
	3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월			
Cisterno Scan														-	
Shunt Function Test														-	
Salivary Gland Scan	3		5	8	3	6	1	5	7	7	7	5	57		
99mTc-Thyroid Scan													-		
Thyroid Uptake & Scan													-		
99mTc-Thyroid Uptake & Scan	3	8	8	10	12	7	5	8	4	6	3	2	76		
I-131 Thyroid Uptake													-		
I-131 Thyroid Uptake & scan													-		
I-131 Thyroid Uptake & 99mTc-Thyroid Scan													-		
I-123 Whole Body	6	11	12		8	10	13	11	9		6	3	89		
I-123 Thyroid Scan													-		
Post I-131 Whole Body	12	14	10	10	8	4	9	6	9	13	13	10	118		
I-131 Whole Body				8	8					8	4		28		
ParaThyroid Scan													-		
In-111 Octreotide Scan													-		
I-123 MIBG myocardiac scan						1							1		
Cardiac First Pass													-		
Breast Lymphangio													-		
Lymphangio	36	38	32	47	56	49	42	46	45	44	42	35	512		
Lung Scan													-		
Lung Perfusion & Split Scan	5	1	3	3	3		2		3	6		1	27		
Liver Scan													-		
Hepatobiliary	10	8	5	8	2	2	2	7	6	5	7	6	68		
Spleen Scan	1				1			1		2			5		
Hemangioma Scan													-		
G. E Reflux													-		
G. E. T.	2							1				1	4		
G.I Bleeding Scan										1			1		
GCBP	1	1		1						1	1		5		
Meckel's	1									1			2		
Testicular Scan													-		
DTPA Renogram		2				1	1		1		1		6		
MAG-3 Renogram	2	1		2	2			2	1	1	1	1	13		
Diuretic Renogram													-		
Diuretic MAG-3	2	3	2	4	7		2	1	2	2	1	1	27		
Captopril Renogram													-		
G.F.R Renogram	1			2		1						1	5		
DMSA		1				1	1	3	1		2		9		
Whole Body Bone	199	193	225	268	279	220	210	203	240	239	214	202	2,692		
3-Phase Bone	22	20	11	26	14	7	13	8	9	11	12	9	162		
Pin-hole Scan													-		
Bone Marrow Scan													-		
Ga-67 W.B Scan(감염)													-		
Ga-67 W.B Scan(종양)													-		
WBC-99mTc HMPAO													-		
Peritoneo Scan													-		
Breast Gamma Imaging													-		
I-131 MIBG Scan													-		
I-123 MIBG Scan	1												1		
Post I-131 MIBG Whole Body													-		
Raynaud Scan													-		
Dacryoscintigraphy			1		1			1			2	1	6		
Sr-89 Therapy													-		
I-131 MIBG Therapy													-		
계(TOTAL)	307	301	314	397	404	309	301	303	337	347	316	278	3,914		

2) Gamma SPECT/CT Scan

구분	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ECD Brain SPECT+Diamox SPECT		3	19	16	10	10	11	14	6	7	14	13	10	133
Ictal ECD Brain SPECT		1				1	1							3
Interictal ECD Brain SPECT		1	2		2	1				1		1		8
ECD Brain SPECT														-
Diamox Brain SPECT														-
Tl-201 Brain SPECT														-
ParaThyroid SPECT			1			2	4			1	2	2		12
I-123 MIBG SPECT		1												1
I-123 SPECT				1										1
I-131 SPECT			1			1					2	3	4	11
Myocardiac Stress&Rest SPECT		19	13	18	18	13	15	8	6	13	14	14	12	163
Myocardiac Stress SPECT														-
Myocardiac Rest SPECT														-
Tl-201 Cardiac SPECT														-
Ga-67 SPECT														-
Bone SPECT		4						1		1	1	2	2	11
Lung Perfusion SPECT/CT		2	5	2	1	1	1	3		2	2		2	21
계(TOTAL)		31	41	37	31	29	32	26	12	25	35	35	30	364

3) 요오드치료

구분	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Solution	8 mCi													-
	10 mCi													-
	12 mCi													-
	13 mCi													-
	14 mCi													-
	15 mCi								1				1	2
	18 mCi													-
Capsule	30 mCi	5	2							1	1	1	1	11
	50 mCi	1								1				2
	60 mCi	4	4	2	4	2	1			3	1	1	3	25
	80 mCi	2	1	3	2	1	1	3	3	2	5	6		29
	100 mCi	2	3	2	1	3	2	2	5	4	4	3	1	32
	130 mCi		1	2	1			1				1		6
	150 mCi	1		2	1		2		1	3	1	1	1	13
	160 mCi													-
	180 mCi										1			1
	200 mCi		1		1			1			1		1	5
계(TOTAL)	15	12	11	10	6	6	7	10	15	13	13	8	126	

3) PET/CT

구분	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
Whole Body		1	2	2	4	1		4	4	1	6	3	2	30
Brain		1	1			1	1		1	1				6
Torso+Brain		4	6	19	33	31	36	29	23	19	17	8	6	231
Torso		107	100	103	138	141	118	106	105	101	136	123	89	1,367
Torso+추가부위														-
FP-CIT		9	8	6	12	12	21	16	14	15	17	11	17	158
Florbetaben Brain														-
Flutemetamol Brain			2	4	5	2	1	3	3	1	2	1	2	26
계(TOTAL)		122	119	134	192	188	177	158	150	138	178	146	116	1,818

7. 약제부 통계

1) 월별 처방전 통계

구분		월별	2020년										2021년		계
			3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래	주사제	원내	9,957	9,906	10,092	11,199	11,484	10,609	10,675	11,336	10,875	10,754	10,083	9,827	126,797
		원외	585	628	559	625	669	615	634	634	603	683	705	606	7,546
	먹는약, 기타	원내	9,236	9,359	9,621	10,496	11,109	10,310	9,741	9,903	9,886	10,165	9,520	9,311	118,657
		원외	36,517	38,273	37,326	42,265	42,892	39,846	39,167	37,105	39,033	40,955	37,602	36,829	467,810
입원	주사제	원내	24,623	25,246	26,636	27,709	28,359	26,586	23,608	25,920	25,545	25,813	25,664	23,081	308,790
		원외	0	0	0	0	0	0	0	0	0	0	0	0	0
	먹는약, 기타	원내	28,665	29,162	30,879	32,186	33,583	30,603	27,506	29,844	29,960	31,129	31,085	27,703	362,305
		원외	0	0	0	0	0	0	0	0	0	0	0	0	0
계			109,583	112,574	115,113	124,480	128,096	118,569	111,331	114,742	115,902	119,499	114,659	107,357	1,391,905

2) 투약일수별 처방전 매수 통계

일별	구분	외래				입원				계
		주사제		먹는약, 기타		주사제		먹는약, 기타		
		원내	원외	원내	원외	원내	원외	원내	원외	
1일		125,101	7,490	65,970	51,886	308,665	0	311,221	0	870,333
2일		316	24	1,726	6,627	55	0	3,325	0	12,073
3일		177	17	8,402	13,720	19	0	9,796	0	32,131
4일		228	4	413	4,897	5	0	1,925	0	7,472
5일		57	4	1,858	9,863	7	0	6,602	0	18,391
6일		319	4	158	1,467	3	0	2,314	0	4,265
7일		21	0	4,839	27,558	7	0	11,346	0	43,771
8일		115	0	283	2,568	15	0	2,613	0	5,594
9일		40	0	211	1,223	0	0	1,187	0	2,661
10일		21	2	1,238	7,118	1	0	1,766	0	10,146
11일		31	0	60	498	1	0	983	0	1,573
12일		128	1	238	1,270	4	0	1,006	0	2,647
13일		13	0	65	1,543	0	0	749	0	2,370
14일		21	0	4,472	31,528	0	0	4,309	0	40,330
15일		23	0	888	5,874	5	0	417	0	7,207
16일		38	0	266	822	1	0	198	0	1,325
17일		3	0	98	602	0	0	190	0	893
18일		12	0	76	558	1	0	257	0	904
19일		0	0	64	226	0	0	310	0	600
20일		1	0	389	2,768	0	0	308	0	3,466
21일		19	0	1,879	9,570	0	0	598	0	12,066
22일		0	0	92	620	0	0	60	0	772
23일		0	0	88	296	0	0	61	0	445
24일		23	0	46	381	0	0	52	0	502
25일		5	0	75	562	0	0	48	0	690
26일		0	0	67	408	0	0	28	0	503
27일		0	0	17	165	0	0	18	0	200
28일		25	0	6,680	36,631	0	0	290	0	43,626
29일		0	0	104	676	0	0	14	0	794
30일		18	0	2,843	24,903	1	0	154	0	27,919
31일		42	0	15,052	220,982	0	0	160	0	236,236
계		126,797	7,546	118,657	467,810	308,790	0	362,305	0	1,391,905

3) 진료과별 처방전 통계

일별	구분	주사제		먹는약, 기타		계
		원내	원외	원내	원외	
내과		146,456	6,035	127,900	154,078	434,469
신경과		10,301	10	16,312	40,014	66,637
소아청소년과		13,121	668	6,103	5,168	25,060
정형외과		35,561	1	37,743	23,226	96,531
성형외과		4,059	0	2,398	786	7,243
방사선종양학과		373	0	69	383	825
방사선중재적시술센터		0	0	0	0	0
외과		50,323	247	37,625	19,025	107,220
산부인과		21,175	10	14,840	8,870	44,895
신경외과		25,470	7	29,141	21,826	76,444
흉부외과		5,105	9	4,981	2,550	12,645
정신건강의학과		2,167	75	12,813	21,584	36,639
피부과		3,767	0	2,265	10,521	16,553
이비인후과		6,896	0	4,819	9,356	21,071
안과		6,219	9	1,978	2,977	11,183
치과		2,656	0	40	2,476	5,172
재활의학과		7,189	0	12,827	2,139	22,155
비뇨의학과		10,469	1	6,083	17,569	34,122
소아외과		0	0	0	0	0
가정의학과		2,227	292	474	5,779	8,772
마취통증의학과		0	0	0	0	0
소아정신과		0	0	0	0	0
핵의학과		295	0	342	193	830
인공신장실		17,171	3	2,166	19	19,359
임상약리학과		0	0	0	0	0
건강관리과		0	0	0	0	0
직업환경의학과		178	0	2	0	180
통증클리닉		4,373	0	3,516	4,346	12,235
해부병리과		0	0	0	0	0
가정간호과		0	0	0	0	0
응급의학과		19,958	0	13,752	4,806	38,516
암통합진료센터		0	0	0	0	0
감염관리과		0	0	0	0	0
건강증진센터		0	0	0	0	0
영상의학과		0	0	0	0	0
종합검진센터		0	0	0	0	0
인터벤션		87	0	0	0	87
계		395,596	7,367	338,189	357,691	1,098,843

4) 퇴원환자 복약 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CST		29	35	29	44	38	37	36	30	44	52	59	38	471
DEN		0	0	0	0	0	0	0	0	0	0	0	0	-
DER		5	4	3	1	8	4	10	3	3	0	1	2	44
ENT		124	109	94	121	126	86	90	105	106	124	123	99	1,307
EYE		57	52	66	80	83	65	58	59	61	93	73	67	814
FMD		7	7	5	7	5	1	5	3	3	1	0	-	44
GSR		416	424	429	449	486	457	512	435	499	503	458	429	5,497
GYN		125	151	169	175	171	173	185	167	182	186	186	199	2,069
MED		842	914	949	1,021	1,111	905	870	880	908	978	901	868	11,147
NEU		81	112	112	129	142	99	94	104	109	95	106	85	1,268
NMD		10	10	12	10	5	5	8	9	11	12	14	6	112
NPD		17	22	28	19	30	18	26	19	22	23	17	19	260
NSD		112	140	155	173	162	136	168	154	132	156	139	152	1,779
OSD		170	217	206	255	265	215	197	229	234	238	222	232	2,680
PCR		12	19	13	14	10	4	6	5	8	13	11	13	128
PED		35	51	50	54	56	45	40	50	57	43	53	52	586
PSR		29	32	38	26	32	29	30	29	30	40	27	31	373
RAD		0	0	0	0	0	0	0	0	0	0	0	0	-
REH		33	45	23	37	36	45	27	18	32	39	31	40	406
URO		62	72	61	101	92	86	89	69	82	102	87	80	983
기타		0	0	0	0	0	0	0	0	0	0	0	0	-
계		2,166	2,416	2,442	2,716	2,858	2,410	2,451	2,368	2,523	2,698	2,508	2,412	29,968

5) 항암제 조제 통계(외래)

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CST		0	0	0	0	0	0	0	0	0	0	0	0	0
DEN		0	0	0	0	0	0	0	0	0	0	0	0	0
EYE		0	0	0	0	0	0	0	0	0	0	0	0	0
ENT		0	0	0	0	0	0	0	0	0	0	0	0	0
GSR		50	47	38	32	34	39	32	31	33	38	40	32	446
GYN		22	6	13	4	5	5	12	7	7	7	4	7	99
MED		557	579	448	478	512	540	641	536	536	506	454	485	6,272
NEU		1	0	0	0	2	0	1	0	0	1	1	1	7
OSD		0	0	0	0	0	0	0	0	0	0	0	0	0
PED		0	0	0	3	0	0	0	0	0	0	0	0	3
URO		5	4	3	9	11	10	11	16	10	13	14	10	116
FMD		0	0	0	0	0	0	0	0	0	0	0	0	0
조제건수		635	636	502	526	564	594	697	590	586	565	513	535	6,943
환자수		496	405	424	502	453	448	503	443	445	444	396	390	5,349

6) 항암제 조제 통계(입원)

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
CST		0	0	0	0	0	0	0	0	0	0	0	0	0
DEN		0	0	0	0	0	0	0	0	0	0	0	0	0
ENT		2	4	4	0	1	2	1	0	4	5	0	0	23
GSR		448	469	486	444	553	459	523	484	474	518	478	409	5,745
GYN		141	136	134	149	116	120	103	116	151	125	132	156	1,579
MED		1,447	1,306	1,347	1,561	1,526	1,334	1,316	1,264	1,285	1,445	1,303	1,286	16,420
NSD		4	4	3	4	9	1	5	6	7	4	8	11	66
OSD		0	0	0	0	0	0	0	0	0	0	0	0	0
PED		0	0	0	0	0	0	0	0	0	0	0	0	0
URO		4	6	6	16	14	6	13	7	7	15	7	0	101
NEU		1	0	3	0	0	0	0	0	0	0	0	0	4
FMD		0	0	0	0	0	0	0	0	0	0	0	0	0
조제건수		2,047	1,925	1,983	2,174	2,219	1,922	1,961	1,877	1,928	2,112	1,928	1,862	23,938
환자수		1,051	1,008	1,060	984	1,175	1,062	1,062	998	1,029	1,126	1,055	1,054	12,664

7) TPN 조제 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
ENT		0	0	0	0	0	0	0	0	0	0	0	0	0
EYE		0	0	0	0	0	0	0	0	0	0	0	0	0
GSR		0	0	0	0	0	0	0	0	0	0	0	0	0
OSD		0	0	0	0	0	0	0	0	0	0	0	0	0
NEU		0	0	0	0	0	0	0	0	0	0	0	0	0
REH		0	0	0	0	0	0	0	0	0	0	0	0	0
NPD		0	0	0	0	0	0	0	0	0	0	0	0	0
PSR		0	0	0	0	0	0	0	0	0	0	0	0	0
SPD		0	0	0	0	0	0	0	0	0	0	0	0	0
MED		0	0	0	0	0	0	0	0	0	0	0	0	0
CST		0	0	0	0	0	0	0	0	0	0	0	0	0
NSD		0	0	0	0	0	0	0	0	0	0	0	0	0
GYN		0	0	0	0	0	0	0	0	0	0	0	0	0
URO		0	0	0	0	0	0	0	0	0	0	0	0	0
PED		239	324	193	218	193	206	285	249	271	275	239	188	2,880
조제건수		239	324	193	218	193	206	285	249	271	275	239	188	2,880
환자수		239	324	193	218	193	206	285	249	271	275	239	188	2,880
의뢰건수		239	324	193	218	193	206	285	249	271	275	239	188	2,880

8) 항응고약물 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		0	0	0	0	0	0	0	0	0	2	0	0	2
입원		14	12	7	16	11	11	14	10	12	14	12	11	144
계		14	12	7	16	11	11	14	10	12	16	12	11	146

9) 호흡기약물 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		1	0	3	1	1	2	1	1	1	5	1	2	19
입원		21	28	13	27	24	18	19	20	12	21	21	14	238
계		22	28	16	28	25	20	20	21	13	26	22	16	257

10) 당뇨약물 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		5	5	5	9	13	12	8	8	14	10	13	6	108
입원		12	13	20	25	11	12	16	13	11	16	22	20	191
계		17	18	25	34	24	24	24	21	25	26	35	26	299

11) 항암약물 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		0	0	0	0	0	0	0	0	0	0	0	0	0
입원		12	8	9	10	11	12	12	15	11	13	8	8	129
계		12	8	9	10	11	12	12	15	11	13	8	8	129

12) 장기이식약물 교육 통계

과별	월별	2020년										2021년		계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
외래		0	0	0	0	0	0	0	0	0	0	0	0	0
입원		0	10	2	6	4	6	14	6	4	8	6	5	71
계		0	10	2	6	4	6	14	6	4	8	6	5	71

8. 환자급식 식이별 통계

구분	월별	2020년										2021년		총계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
보건 치료 식	밥	22,543	22,682	24,094	24,882	25,734	22,933	20,706	22,575	22,467	24,308	24,189	20,333	277,446
	죽	5,989	5,821	5,979	6,541	7,006	6,337	5,324	6,159	6,154	6,457	6,697	5,937	74,401
	미음	475	639	442	464	498	584	502	536	799	730	594	379	6,642
	소계	29,007	29,142	30,515	31,887	33,238	29,854	26,532	29,270	29,420	31,495	31,480	26,649	358,489
기타 치료 식	소아식	258	361	342	337	410	348	235	317	450	438	287	173	3,956
	산모식	107	190	139	107	148	138	202	178	138	168	110	121	1,746
	외국인식	7	13	1	2	15	0	4	2	2	0	0	0	46
	고급식	6	0	34	2	1	17	0	0	0	0	3	25	88
	소계	378	564	516	448	574	503	441	497	590	606	400	319	5,836
특별 치료 식	연하보조식	1,263	813	1,102	1,717	1,755	2,089	1,598	1,445	1,727	1,909	2,062	1,746	19,226
	블랜드	902	740	1,137	885	1,077	1,023	734	963	881	720	820	854	10,736
	치과용미음	28	0	7	0	5	10	2	0	38	4	17	5	116
	TF(경관미음)	7,352	6,839	6,367	6,317	6,248	6,546	5,283	6,977	6,419	6,983	6,746	5,652	77,729
	열량조절식	124	67	163	102	22	12	14	28	38	9	23	0	602
	당뇨식	6,212	6,186	7,548	7,572	7,074	7,362	6,456	6,859	6,249	6,825	6,616	5,839	80,798
	위절제식	766	912	694	764	780	494	691	388	657	716	666	571	8,099
	섬유소조절식	0	0	0	0	0	0	0	13	0	0	0	0	13
	저잔사식	833	1,072	1,166	1,189	1,470	1,165	732	898	1,015	999	841	864	12,244
	저저급식	221	395	342	244	225	326	152	179	328	303	297	218	3,230
	저지방식(염분제한)	131	86	154	55	0	29	86	0	5	13	99	36	694
	저콜레스테롤식	0	0	0	0	15	0	0	0	0	0	0	0	15
	저단백식(염분제한)	0	0	0	20	0	0	0	0	0	0	3	0	23
	고단백식(염분제한)	289	151	24	92	101	60	78	1	40	26	28	48	938
	신장질환식	2,017	1,790	2,039	1,457	1,504	1,509	980	1,396	1,605	1,350	1,683	1,492	18,822
	저염식	47	27	107	35	22	38	108	270	52	41	36	66	849
	중염식	8	22	32	3	5	0	0	10	21	39	1	11	152
	BMT식	57	49	0	4	97	29	79	3	28	63	91	61	561
	무균식	0	9	0	0	3	0	0	0	0	0	0	0	12
	익힌음식	1,370	1,114	1,323	1,142	1,176	1,379	1,030	1,085	1,176	1,085	1,234	1,014	14,128
	퓨린제한식	0	13	2	9	55	0	0	7	2	0	2	21	111
	요오드제한식	55	48	58	48	26	25	32	44	63	64	62	29	554
	알러지식	602	737	605	380	584	549	734	665	464	467	699	635	7,121
케톤식	63	21	0	0	0	0	0	0	0	0	56	0	140	
기타	13	99	230	118	59	158	16	65	196	45	92	80	1,171	
	소계	22,353	21,190	23,100	22,153	22,303	22,803	18,805	21,296	21,004	21,661	22,174	19,242	258,084
총합계		51,738	50,896	54,131	54,488	56,115	53,160	45,778	51,063	51,014	53,762	54,054	46,210	622,409

9. 물리치료 월별 통계

구분	월별	2020년										2021년		총계
		3월	4월	5월	6월	7월	8월	9월	10월	11월	12월	1월	2월	
피부과		0	0	0	0	2	0	0	0	0	0	0	0	2
산부인과		41	41	78	24	81	50	16	15	27	61	18	53	505
이비인후과		48	43	5	0	27	0	8	21	43	20	27	11	253
마취통증의학과		0	0	0	0	0	0	0	0	0	0	0	0	0
비뇨의학과		4	10	19	10	4	25	12	12	34	28	0	0	158
치과		0	0	0	0	0	0	0	0	0	0	0	0	0
흉부외과		62	84	55	39	68	54	21	10	69	44	50	43	599
성형외과		0	0	1	6	6	11	12	23	7	0	8	18	92
소아청소년과		86	101	205	237	150	150	304	313	151	53	37	127	1,914
외과		117	75	140	97	81	155	161	99	184	207	86	102	1,504
정신과		2	22	47	5	4	4	4	13	21	2	7	11	142
내과		1,102	941	864	926	1,207	902	904	845	863	942	965	994	11,455
신경과		202	220	155	284	226	358	287	211	260	328	333	278	3,142
정형외과		901	830	861	1,045	1,259	1,075	872	860	1,109	1,039	1,091	893	11,835
신경외과		972	860	896	1,058	1,256	1,132	978	953	895	1,087	939	937	11,963
재활의학과		5,184	5,530	5,761	7,668	8,488	7,318	6,215	6,189	7,477	6,941	6,666	5,601	79,038
안과		0	0	0	1	0	4	0	0	1	0	0	0	6
핵의학과		0	0	0	0	0	0	0	0	0	0	0	0	0
가정의학과		0	0	0	10	1	0	0	0	0	0	0	0	11
통증클리닉		238	100	60	92	58	12	63	42	107	143	82	104	1,101
방사선종양학과		0	0	0	0	0	0	0	0	0	0	0	0	0
입원		6,219	5,089	4,951	6,185	7,247	6,315	4,954	5,140	6,259	6,174	6,155	5,196	69,884
외래		2,740	3,768	4,196	5,317	5,671	4,935	4,903	4,466	4,989	4,721	4,154	3,976	53,836
계(TOTAL)		8,959	8,857	9,147	11,502	12,918	11,250	9,857	9,606	11,248	10,895	10,309	9,172	123,720

▶ 전공의 수련 현황 및 과별 연구 실적

1. 2021년도 인턴 수련 현황

종별	성명	출신교	비고
의과계	안일우	건양대학교	
	황현영	인제대학교	
	김다정	동아대학교	
	김혜리	인제대학교	
	최은준	제주대의전원	
	장원준	인제대학교	
	유명한	전남대학교	
	김정준	경북대의전원	
	여현동	인제대학교	
	신성현	인제대학교	
	김현준	인제대학교	
	안현우	인제대학교	
	홍동현	인제대학교	
	장유진	인제대학교	
	이다정	인제대학교	
	이예준	인제대학교	
	구동환	인제대학교	
	박용진	고신대학교	
	은정익	인제대학교	
	김태한	인제대학교	
	류화영	고신대학교	
	김현정	인제대학교	
			인턴 22명

2. 레지던트 수련현황

과별	연차	1년차	2년차	3년차	4년차	계
		성명	성명	성명	성명	
내과		오영록	김수민	유민재		10
		박병화	박형석	이진우		
		이지예	오병욱	함현석		
		김상훈				
외과		송수빈			박순재	2
산부인과		이지수	최민성	박채연	이정은	6
		이영진				
		박유빈				
소아청소년과				박창언	이민경	4
				황혜수	김지수	
정신건강의학과		천우석	김혜원	박정혁	김선구	4
신경과		강재호	이준호	배민정	김병준	5
		서영덕				
피부과						
정형외과		구형준	최민성	김호진	김승철	7
		권유성		권민성	박경구	
흉부외과						
신경외과			김창곤	김도엽	양승현	3
성형외과			김영근		김차수	2
안과		임연주	정도희	나정호	권지민	4
이비인후과		김보수	서태경	박영준	박병후	4
비뇨의학과						
재활의학과		김태훈	민은호	박지호	온철원	4
마취통증의학과		양지현	전유경	김재환	권지연	8
		최대운	이나경	신동주	이수지	
영상의학과		김연정	우상화	박형인	조성재	8
		홍수진	서영화	백태욱	박언주	
방사선종양학과						
진단검사의학과						
병리과						
가정의학과			손민규	김현지		2
응급의학과		서창완	유현진	이주홍	장진국	4
핵의학과						
직업환경의학과		조정훈	최의혁	이태우	하나영	4
계		22	19	21	19	81

3. 해운대백병원 논문 및 학술연제 발표

내과(Internal Medicine)

- 1) Tae Young Park, Su Jin Jeong, Tae Hyung Kim, Jin Lee, Jong ha Park, Tae Oh Kim, Yong Eun Park. Long-term outcomes of patients with gastric adenoma in Korea. *MEDICINE* 2020;99: e19553~(8)
- 2) Park SH1, Park YE1, Lee J1, Choi JH1, Heo NY1, Park J1, Kim TO1, Moon YS1, Kim HK1, Jang HJ1, Park HY2, Jeong CH3, Suk KT4, Kim DJ4,5. Lack of association between early menopause and non-alcoholic fatty liver disease in postmenopausal women. *CLIMACTERIC* 2020;23: 173~177
- 3) Seung Ha Park, Lindsay D Plank, Ki Tae Suk, Yong Eun Park, Jin Lee, Joon Hyuk Choi, Nae Yun Heo, Jongha Park, Tae Oh Kim, Young Soo Moon, Hyun Kuk Kim, Hang Jea Jang, Ha Young Park, Dong Joon Kim. Trends in the prevalence of chronic liver disease in the Korean adult population, 1998-2017. *Clinical and Molecular Hepatology* 2020;26: 209~215
- 4) Tae Hyung Kim, Nae Yun Heo, Seung Ha Park, Young Soo Moon, Tae Oh Kim, Jongha Park, Joon Hyuk Choi, Yong Eun Park and Jin Lee. Pyogenic Liver Abscess or Liver Cyst Infection after Colonoscopic Polypectomy. *대한소화기학회지* 2020;75: 300~304
- 5) Chang Kyun Lee 1, Hyo Jung Ha 1, Shin Ju Oh 1, Jung Wook Kim 1, Jung Kuk Lee 2, Hyun Soo Kim 3, Soon Man Yoon 4, Sang Bum Kang 5, Eun Soo Kim 6, Tae Oh Kim 7, Soo Young Na 8, Jun Lee 9, Sang Wook Kim 10, Hoon Sup Koo 11, Byung Kyu Park 12, Han Hee Lee 13, Eun Sun Kim 14, Jae Jun Park 15, Min Seob Kwak 16, Jae Myung Cha 16, Byong Duk Ye 17, Chang Hwan Choi 18, Hyo Jong Kim 1. Nationwide Validation Study of Diagnostic Algorithms for Inflammatory Bowel Disease in Korean National Health Insurance Service Database. *JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY* 2020;35: 760~768
- 6) Tae Oh Kim^{1,y}, Dong Il Park ^{2,y}, Yu Kyeong Han ³, Keun soo Kang ⁴, Sae Gwang Park ³, Hae Ryoung Park ⁵, Joo Mi Yi ³. Genome-Wide Analysis of the DNA Methylation Profile Identifies the Fragile Histidine Triad (FHIT) Gene as a New Promising Biomarker of Crohn's Disease. 2020;9: 1338(1)~15
- 7) Soo Kyung Park ^{1 2 3}, Han Na Kim ^{2 4}, Chang Hwan Choi ^{3 5}, Jong Pil Im ^{3 6}, Jae Myung Cha ⁷, Chang Soo Eun ⁸, Tae Oh Kim ^{3 9}, Sang Bum Kang ¹⁰, Ki Bae Bang ¹¹, Hyun Gun Kim ¹², Yun ho Jung ¹³, Hyuk Yoon ^{3 14}, Dong Soo Han ⁸, Chil Woo Lee ², Kwang sung Ahn ¹⁵, Hyung Lae Kim ¹⁶, Dong Il Park ^{1 2 3}. Differentially Abundant Bacterial Taxa Associated with Prognostic Variables of Crohn's Disease: Results from the IMPACT Study. *Journal of Clinical Medicine* 2020;9: 1748~1765
- 8) Jin Lee ¹, Yong Eun Park ¹, Joon Hyuk Choi ¹, Nae Yun Heo ¹, Jong ha Park ¹, Seung Ha Park ¹, Young Soo Moon ¹, Kyung Han Nam ², Tae Oh Kim ¹. Comparison between cap-assisted and ligation-assisted endoscopic mucosal resection for rectal neuroendocrine tumors. *Ann Gastroenterol* 2020;33: 385~390
- 9) Tae Oh Kim, Yu Kyeong Han, and Joo Mi Yi. Hypermethylated promoters of tumor suppressor genes were identified in Crohn's disease patients. *Intestinal research* 2020;18: 297~305
- 10) Eun ju Kim ¹, Dong Hee Park ¹, Kyung Joong Kim ¹, Tae Oh Kim ¹, Seung Ha Park ¹, Jong ha Park ¹, Joon Hyuk Choi ¹, Jin Lee ¹, Yong Eun Park ¹, Eun Hye Oh ¹, Jun Seong Hwang ¹, Nae Yun Heo ¹.

Current Status of Amebic Liver Abscess in Korea Comparing with Pyogenic Liver Abscess. 대한소화기학회지 2020;76: 28~36

11) Hee Soo Jung, Jin Lee, Kyung Han Nam. Gastric Adenocarcinoma Arising from Heterotopic Pancreas Presenting as Gastric Outlet Obstruction 10 Years after the First Diagnosis. 대한소화기학회지 2020;76: 37~41

12) Yong Eun Park and Tae Oh Kim. Sexual Dysfunction and Fertility Problems in Men with Inflammatory Bowel Disease. WORLD JOURNAL OF MENS HEALTH 2020;38: 285~297

13) Seung Ha Park 1, Yong Eun Park 1, Jin Lee 1, Joon Hyuk Choi 1, Nae Yun Heo 1, Jongha Park 1, Tae Oh Kim 1, Jun Seong Hwang 1, Eun ju Kim 1, Eun Hye Oh 1, Hang Jea Jang 1, Ha Young Park 2, Hyun Kuk Kim. The change in prevalence of suspected non-alcoholic fatty liver disease in Korean adolescents from 2001 to 2017. Paediatrics and International Child Health 2020;40: 166~170

14) Yu Kyung Cho 1, Myung Gyu Choi 1, Suck Chei Choi 2, Kee Myung Lee 3, Tae Oh Kim 4, Soo Heon Park 1, Jeong Seop Moon 1, Yun Jeong Lim 5, Dae Hwan Kang 6, Gab Jin Cheon 7, Gwang Ho Baik 8, Kyoung Oh Kim. Randomised clinical trial: tegoprazan, a novel potassium-competitive acid blocker, or lansoprazole in the treatment of gastric ulcer. ALIMENTARY PHARMACOLOGY & THERAPEUTICS 2020;52: 787~797

15) Eun ju Kim 1, Seung Ha Park. Diagnosis and Severity Assessment of Alcohol-Related Liver Disease. 대한 소화기학회지 2020;76: 60~64

16) Seung Ha Park 1, Dong Joon Kim. Global and regional impacts of alcohol use on public health: Emphasis on alcohol policies. Clinical and Molecular Hepatology 2020;26: 652~661

17) Seung Ha Park 1, Dong Joon Kim 2 3, Lindsay D Plank 4. Association of grip strength with non-alcoholic fatty liver disease: investigation of the roles of insulin resistance and inflammation as mediators. EUROPEAN JOURNAL OF CLINICAL NUTRITION 2020;74: 1401~1409

18) Ju Won Lee 1, Seung Ha Park. Association between depression and nonalcoholic fatty liver disease: Contributions of insulin resistance and inflammation. JOURNAL OF AFFECTIVE DISORDERS 2021;278: 259~263

19) Jae Seung Lee # 1 2, Young Eun Chon # 3, Beom Kyung Kim 1 2, Jun Yong Park 1 2, Do Young Kim 1 2, Sang Hoon Ahn 1 2, Kwang Hyub Han 1 2, Won seok Kang 4, Moon Seok Choi 4, Geum Youn Gwak 4, Yong Han Paik 4, Joon Hyeok Lee 4, Kwang Cheol Koh 4, Seung Woon Paik 4, Hwi Young Kim 5, Tae Hun Kim 5, Kwon Yoo 5, Yeon jung Ha 3, Mi Na Kim 3, Joo Ho Lee 3, Seong Gyu Hwang 3, Soon Sun Kim 6, Hyo Jung Cho 6, Jae Youn Cheong 6, Sung Won Cho 6, Seung Ha Park 7, Nae Yun Heo 7, Young Mi Hong 8, Ki Tae Yoon 8, Mong Cho 8, Jung Gil Park 9, Min Kyu Kang 9, Soo Young Park 10, Young Oh Kweon 10, Won Young Tak 10, Se Young Jang 10, Dong Hyun Sinn 11, Seung Up Kim 1 12, Korean TACE Study Group. Prognostic Value of Alpha-Fetoprotein in Patients Who Achieve a Complete Response to Transarterial Chemoembolization for Hepatocellular Carcinoma. YONSEI MEDICAL JOURNAL 2121;62: 12~20

20) Nae-Yun Heo. Acute-on-chronic liver failure: A predictor of poor prognosis in patients with variceal bleeding or a riskfactor for variceal bleeding?. Clinical and Molecular Hepatology 2020;26: 487~488

21) Joong Hyun Park 1, Yong Eun Park 2, Mi Ri Kang 3. [Post-meningitis Dumping Syndrome: A Case Report and Literature Review]. 대한소화기학회지 2020;75: 347~350

- 22) Jin Lee, Sung Jin Oh. Signet Ring Cell Carcinoma Mimicking Gastric Gastrointestinal Stromal Tumor: A Case Report. *Case Reports in Oncology* 2020;13: 538~543
- 23) Su Jin Jeong, Jin Lee. Management of gastric outlet obstruction: Focusing on endoscopic approach. *World Journal of Gastrointestinal Pharmacology and Therapeutics* 2020;11: 8~16
- 24) Su Jin Kim, Moo In Park, Gwang Ha Kim, Moon Won Lee, Kyoung won Jung, Jin Lee, Sang Young Seol, Sam Ryong Jee, Hong Sub Lee, Jin Seok Jang, and Jae Hwang Cha. Practice Patterns for Eosinophilic Esophagitis Patients in Busan and Gyeongnam: A Korean Multicenter Database Study. *Journal of Neurogastroenterology and Motility* 2021;27: 71~77
- 25) Dong Geon Lee, Jin Lee, Bo Mi Kim, Su Jin Jeong, Eun Hye Oh, Yong Eun Park, Jong ha Park and Tae Oh Kim. Cap-assisted Endoscopic Mucosal Resection of Rectal Perineurioma Mimicking a Neuroendocrine Tumor. *대한소화기학회지* 2021;77: 84~87
- 26) 김정석, 이범재, 함남석, 오은혜, 최기돈, 예병덕, 변정식, 은창수, 김진수, 양동훈. Balloon-Assisted Enteroscopy for Retrieval of Small Intestinal foreign bodies: A KASID multicenter study. *Gastroenterology Research and Practice* 2020;2020: 3814267~(9)
- 27) 김지섭, 김준영, 오은혜, 유창훈, 박인자, 양동훈, 류백렬, 류진숙, 홍승모. Chromogranin A Expression in Rectal Neuroendocrine Tumors Is Associated With More Aggressive Clinical Behavior and a Poorer Prognosis. *AMERICAN JOURNAL OF SURGICAL PATHOLOGY* 2020;44: 1496~1505
- 28) Seong Ho Kim, Min Woo Lee, Min Jae Kang, Sung Gun Lee, Jung Goo Lee, Chi Woong Mun. Comparison Analysis Between the Medication Efficacy of the Milnacipran and Functional Connectivity of Neural Networks in Fibromyalgia Patients. *Brain Sciences* 2020;10: 295(1)~295(10)
- 29) Jae Ha Lee, Hang Jea Jang, Jin Han Park, Hyun Kuk Kim, Sung gun Lee, Ji Yeon Kim, Seong Ho Kim. Unilateral pleuroparenchymal fibroelastosis as a rare form of idiopathic interstitial pneumonia: A case report. *World Journal of Clinical Cases* 2020;8: 4186~4192
- 30) Mi Kyoung Seo 1, Seon gu Kim 2, DaeHyun Seog 3, Won Myong Bahk 4, Seong Ho Kim 5, Sung Woo Park 6,* and Jung Goo Lee 7,*. Effects of Early Life Stress on Epigenetic Changes of the Glucocorticoid Receptor 17 Promoter during Adulthood. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 2020;21: 6331(1)~6331(12)
- 31) Sung gun Lee. Coronavirus Disease19(COVID 19) complicated with pneumonia in a patient with rheumatoid arthritis receiving conventional disease-modifying antirheumatic drugs. *RHEUMATOLOGY INTERNATIONAL* 2020;40: 991~995
- 32) Sung gun Lee. Dietary and nutritional factors associated with hyperuricemia: The seventh Korean National Health and Nutrition Examination Survey. *ASIA PACIFIC JOURNAL OF CLINICAL NUTRITION* 2020;29: 609~617
- 33) Sung gun Lee. Changing Patterns of Medical Visits and Factors Associated with No-show in Patients with Rheumatoid Arthritis during COVID-19 Pandemic. *JOURNAL OF KOREAN MEDICAL SCIENCE* 2020;35: e423~e430

- 34) Sung gun Lee. Clinically amyopathic dermatomyositis presenting with isolated facial edema complicated by acute respiratory failure: a case report. BMC MUSCULOSKELETAL DISORDERS 2021;22: 117(1)~117(7)
- 35) 박시형, 이유진, 김양욱, 고정해, 박진한, 김일환, 김희진, 오도연, 박봉수. Atypical Hemolytic Uremic Syndrome (p.Gly1110Ala) with autoimmune disease. American journal of case reports 2020;21: e922567~(5)
- 36) Bong Soo Park, Il Hwan Kim, Kang Min Park. Top 100 Cited Articles on Sleep Medicine: A Bibliometric Analysis. EUROPEAN NEUROLOGY 2020;83: 111~119
- 37) Bong Soo Park, Si Eun Kim, Ho Joon Lee, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Si Hyung Park, Yoo Jin Lee, Sol, Kang Min Park. Alterations in Structural and Functional Connectivities in Patients with End-Stage Renal Disease. Journal of Clinical Neurology 2020;16: 390~400
- 38) 박봉수, 성명준, 고정해, 박시형, 김양욱, 김일환, 박진한, 이유진, 박성호, 박강민. Differences of connectivity between ESRD patients with PD and HD. Brain and Behavior 2020;10: e01708~(10)
- 39) 박봉수, 이해원, 이유진, 박시형, 김양욱, 김시은, 김일환, 박진한, 박강민. Serum S100B Represents a Biomarker for Cognitive Impairment in Patients With End-Stage Renal Disease. CLINICAL NEUROLOGY AND NEUROSURGERY 2020;195: 105902~(5)
- 40) 이유진, 박봉수, 박진한, 박강민, 김일환, 고정해, 박시형, 김양욱. Top 100 Cited Articles on Peritoneal Dialysis. The Open Urology & Nephrology Journal 2020;13: 39~47
- 41) 박우영, 박시형, 김양욱, 진규복. Clinical efficacy of biomarkers for evaluation of volume status in dialysis patients. 2020;99: e21460~(8)
- 42) 이유진, 박봉수, 박진한, 김일환, 고정해, 박시형, 김양욱. Analysis of the risk factors of acute kidney injury after total hip or knee replacement surgery, Yeungnam University Journal of Medicine 2021;38(2):136-141.
- 43) Youn Kyung Kee, Sang Youb Han, Duk Hee Kang, Jung Woo Noh, Kyung Hwan Jeong, Gheun Ho Kim, Yang Wook Kim, Beom Seok Kim. Comparison of Different Types of Oral Adsorbent Therapy in Patients with Chronic Kidney Disease: A Multicenter, Randomized, Phase IV Clinical Trial. Yonsei Med J.2021;62(1): 41~49
- 44) Bong Soo Park, Dongah Lee, Seongho Park, Kang Min Park. Which articles have highly impacted research on genetic generalized epilepsy? Annals of Clinical Neurophysiology 2020;22(2): 92~103
- 45) Yun Seok Song, Sang Hoon Seol, Jin o Park, Dong Kie Kim, Yeo Jeong Song, Seung hwan Kim, Ki Hun Kim, Doo Il Kim, Chan Seon Park, Yeon Mi Kim. Large left ventricular non-infectious vegetation in patient with eosinophilic granulomatosis with polyangiitis. Cardiovascular Journal of Africa 2020;31: e1~e4
- 46) Ki Hun Kim, Sang Hoon Seol, Jin o Park, Yeo Jeong Song, Seung hwan Kim, Dong Kie Kim. Induced atrial fibrillation during defibrillation test on implantation of subcutaneous implantable cardioverter defibrillator. Journal of Geriatric Cardiology 2020;17: 525~527
- 47) Hyun Seok Ham, Ki Hun Kim, Jin o Park, Yeo Jeong Song, Seung hwan Kim, Dong Kie Kim, Sang Hoon Seol & Doo Il Kim. Feasibility of right coronary artery first ergonovine provocation test. ACTA CARDIOLOGICA 2021;76: 38~45

- 48) Yeo Jeong Song, Sang Hoon Seol*, Yun Seok Song, Jin o Park, Ki Hun Kim. Prognostic implications of the electrocardiographic findings in acute myocarditis: Which is the strongest one? Indian Heart Journal 2021;73: 121~124
- 49) Myung Hwan Bae et al. Clinical Impact of Implantable Cardioverter-Defibrillator Therapy and Mortality Prediction Model for Effective Primary Prevention in Korean Patients. 2020;35: e49(1)~e49(10)
- 50) Sang-Cheol Cho et al. Long-term Clinical Outcomes of Radiofrequency Catheter Ablation versus Permanent Pacemaker Implantation in Patients with Tachycardia-Bradycardia Syndrome. Korean Circulation Journal 2020;50: 998~1009
- 51) Yong Joon Lee, Sung Jin Hong, Byeong Keuk Kim, Sang hoon Shin, Yong sung Suh, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Long-term outcomes after percutaneous coronary intervention relative to bypass surgery in diabetic patients with multivessel coronary artery disease according to clinical presentation. CORONARY ARTERY DISEASE 2020;31: 174~183
- 52) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Different Statin Effects of ST-elevation Versus Non-ST-Elevation Acute Myocardial Infarction After Stent Implantation. AMERICAN JOURNAL OF THE MEDICAL SCIENCES 2020;359: 156~167
- 53) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung-Jin Hong, Seunghwan Kim, Chul-Min Ahn, Jung-Sun Kim, Young-Guk Ko, Donghoon Choi, Myeong-Ki Hong, Yangsoo Jang. Culprit-only Versus Multivessel or Complete Versus Incomplete Revascularization in Patients With non-ST-segment Elevation Myocardial Infarction and Multivessel Disease Who Underwent Successful Percutaneous Coronary Intervention Using Newer-Generation Drug-Eluting Stents. ATHEROSCLEROSIS 2020;301: 54~64
- 54) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Donghoon Choi, Myeong Ki Hong, Yang soo Jang. Effect of Renin-Angiotensin System Inhibitors on Major Clinical Outcomes in Patients With Acute Myocardial Infarction and Prediabetes or Diabetes After Successful Implantation of Newer-Generation Drug-Eluting Stents. JOURNAL OF DIABETES AND ITS COMPLICATIONS 2020;34: 107574~107574
- 55) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Comparison of Durable-Polymer- and Biodegradable-Polymer-Based Newer-Generation Drug-Eluting Stents in Patients with Acute Myocardial Infarction and Prediabetes After Successful Percutaneous Coronary Intervention. International Heart Journal 2020;61: 673~684
- 56) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Comparison of First- and Second-Generation Drug-Eluting Stents in Patients with Acute Myocardial Infarction and Prediabetes Based on the Hemoglobin A1c Level. JOURNAL OF INTERVENTIONAL CARDIOLOGY 2020;2020: 1710439~(11)
- 57) Yong Hoon Kim, Ae Young Her, Myung Ho Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Impacts of

renin-angiotensin system inhibitors on two-year clinical outcomes in diabetic and dyslipidemic acute myocardial infarction patients after a successful percutaneous coronary intervention using newer-generation drug-eluting stents. *MEDICINE* 2020;99: e21289~(12)

58) Oh Hyun Lee, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Dong Ho Shin, Jung Sun Kim, Tae Soo Kang, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Determinants and Clinical Outcomes of Extended Dual Antiplatelet Therapy over 3 Years after Drug-Eluting Stent Implantation: A Retrospective Analysis. *YONSEI MEDICAL JOURNAL* 2020;61: 597~605

59) Yong Hoon Kim, Ae Young Her, Myung Ho, Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Beta-Blocker and Renin?Angiotensin System Inhibitor Combination Therapy in Patients with Acute Myocardial Infarction and Prediabetes or Diabetes Who Underwent Successful Implantation of Newer-Generation Drug-Eluting Stents: A Retrospective Observational Registry Study. *Journal of Clinical Medicine* 2020;9: 3447~3465

60) Yong Hoon Kim, Ae Young Her, Myung Ho, Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Two-Year Clinical Outcomes Between Prediabetic and Diabetic Patients With STEMI and Multivessel Disease Who Underwent Successful PCI Using Drug-Eluting Stents. *ANGIOLOGY* 2021;72: 50~61

61) Yong Hoon Kim, Ae Young Her, Myung Ho, Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Comparison of First- and Second-Generation Drug-Eluting Stents in Patients with ST-Segment Elevation Myocardial Infarction Based on Pre-Percutaneous Coronary Intervention Thrombolysis in Myocardial Infarction Flow Grade. *Journal of Clinical Medicine* 2021;10: 367~367

62) Yong Hoon Kim, Ae Young Her, Myung Ho, Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Prediabetes versus type 2 diabetes mellitus based on pre-percutaneous coronary intervention thrombolysis in myocardial infarction flow grade in patients with ST-segment elevation myocardial infarction after successful newer-generation drug-eluting stent implantation. *Diabetes & Vascular Disease Research* 2021;18: 1~17

63) Yong Hoon Kim, Ae Young Her, Myung Ho, Jeong, Byeong Keuk Kim, Sung Jin Hong, Seung hwan Kim, Chul Min Ahn, Jung Sun Kim, Young Guk Ko, Dong hoon Choi, Myeong Ki Hong, Yang soo Jang. Effect of statin treatment in patients with acute myocardial infarction with prediabetes and type 2 diabetes mellitus: A retrospective observational registry study 2021;100: e24733~(11)

64) Jung Su Kim¹, Bong Ki Lee², Dong Ryeol Ryu², Kwang jin Chun², Ho Seok Kwon², So Ra Nam³, Doo Il Kim⁴, Sung Yun Lee⁵, Jin Ok Jeong⁶, Jang Whan Bae⁷, Jong Seon Park⁸, Young keun Ahn. Occupational radiation exposure in femoral artery approach is higher than radial artery approach during coronary angiography or percutaneous coronary intervention. *Scientific Reports* 2020;10: 7104(1)~7104(7)

65) Kyungil Park # 1 2, Jong Sung Park # 1 2, Young Rak Cho 1 2, Tae Ho Park 1 2, Moo Hyun Kim 1 2, Tae Hyun Yang 3, Doo Il Kim 4, Jung Hwan Kim 5, Yong Hwan Lee 6, Dong Won Lee 7, Jeong kee Seo 8, Geun Young Lee 9, Young Dae Kim 1 10. Community-Based Pre-Hospital Electrocardiogram Transmission Program for Reducing Systemic Time Delay in Acute ST-Segment Elevation Myocardial Infarction. *Korean Circulation Journal* 2020;50: 709~719

- 66) Hyo eun Kim 1, Chan Joo Lee 2, Ha yeon Pak 3, Doo Il Kim 4, Moo Yong Rhee 5, Byoung Kwon Lee 6, Young keun Ahn 7, Byung Ryul Cho 8, Jeong Taek Woo 9, Seung Ho Hur 10, Jin Ok Jeong 11, Ji Hyun Lee 12 13, Sang Hak Lee 14. GENetic characteristics and REsponse to lipid-lowering therapy in familial hypercholesterolemia: GENRE-FH study. *Scientific Reports* 2020;9: 19336(1)~19336(8)
- 67) Jie suck Park 1, Jung Kyu Han 1, Jee hoon Kang 1, In Ho Chae 2, Sung Yun Lee 3, Young Jin Choi 4, Jay Young Rhew 5, Seung Woon Rha 6, Eun Seok Shin 7, Seong Ill Woo 8, Han Cheol Lee 9, Kook Jin Chun 10, Doo Il Kim 11, Jin Ok Jeong 12, Jang Whan Bae 13, Han Mo Yang 1, Kyung Woo Park 1, Hyun Jae Kang 1, Bon Kwon Koo 1, Hyo Soo Kim 14. Optimal Dose and Type of β -blockers in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. *AMERICAN JOURNAL OF CARDIOLOGY* 220:137: 12~19
- 68) Yun Seok Song 1, Sang Hoon Seol 2, Jin o Park 1, Dong Kie Kim 1, Yeo Jeong Song 1, Seung hwan Kim 1, Ki Hun Kim 1, Doo Il Kim 1, Chan Seon Park 1, Yeon Mi Kim 3. Large left ventricular non-infectious vegetation in patient with eosinophilic granulomatosis with polyangiitis. *Cardiovascular Journal of Africa* 2020;31: e1~e4
- 69) Ji Hyang Lee 1, Jun Pyo Choi 1 2, Jin ho Yang 3, Ha Kyeong Won 4, Chan Sun Park 5, Woo Jung Song 1, Hyouk Soo Kwon 1, Tae Bum Kim 1, Yoon Keun Kim 3, Hae Sim Park 6, You Sook Cho 7. Metagenome analysis using serum extracellular vesicles identified distinct microbiota in asthmatics. *Scientific Reports* 2020;10: 15125~(15)
- 70) Jae Ha Lee, Chan Sun Park, Jin Woo Song. Obstructive sleep apnea in patients with interstitial lung disease: Prevalence and predictive factors. *PLoS One* 2020;15: e0239963~(12)
- 71) Dan Zeng 1 2 3 4, Weiguo Li 1 2 3, Juan Zhou 1 2 3, Xiang Wen 1 2 3, Shiyi Chen 2 3 5, Xiaohong Xie 1 2 3, Na Zang 1 2 3, Yu Deng 1 2 3, Luo Ren 2 3 5, Syed A A Rizvi 6, Yasuo Shimizu 7, Chan Sun Park 8, Nikolai Khaltsev 9, Enmei Liu 1 2 3. Analysis of the immunoglobulin E molecular sensitization profile in children with allergic asthma and predictive factors for the efficacy of allergy immunotherapy. *Annals of Translational Medicine* 2020;8: 1459~1465
- 72) Gil Soon Choi 1, Young Hee Nam 2, Chan Sun Park 3, Mi Yeong Kim 4, Eun Jung Jo 5, Hye Kyung Park 5, Hee Kyoo Kim 1. Anxiety, depression, and stress in Korean patients with chronic urticaria. *KOREAN JOURNAL OF INTERNAL MEDICINE* 2020;35: 1507~1516
- 73) Tae Hoon No, Kyeong Min Jo, So Young Jung, Mi Ra Kim, Joo Yeon Kim, Chan Sun Park, Sung min Kym. Coxsackievirus A6-induced Hand-Foot-and-Mouth Disease Mimicking Stevens-Johnson Syndrome in an Immunocompetent Adult. *Infection and chemotherapy* 2020;52: 634~640
- 74) Hyun Lee 1, Sang Heon Kim 1, Byung Keun Kim 2, Young soo Lee 3, Hwa Young Lee 4, Ga Young Ban 5, Min Hye Kim 6, Joo Hee Kim 7, Jae Woo Kwon 8, So Young Park 9, Jae Woo Jung 10, So Young Park 11, Chan Sun Park 12, Chin Kook Rhee 4, Tae hoon Lee 13, Jae Hyun Lee 14, So Ri Kim 15, Jong Sook Park 16, Heung Woo Park 17, Kwang Ha Yoo 9, Yeon Mok Oh 18, Young Il Koh 19, Byung Jae Lee 20, An Soo Jang 16, Sang Heon Cho 17, Hae Sim Park 3, Choon Sik Park 16, You Sook Cho 18, Ho Joo Yoon 1. Characteristics of Specialist-Diagnosed Asthma-COPD Overlap in Severe Asthma: Observations from the Korean Severe Asthma Registry (KoSAR). *ALLERGY* 2021;76: 223~232
- 75) Doo Ho Lim, Min Wook So, Yeon Mee Kim, Ji Hwa Ryu, Jae Ha Lee, Chan Sun Park, Seong Ho Kim, Sung gun Lee. Clinically amyopathic dermatomyositis presenting with isolated facial edema complicated by

acute respiratory failure: a case report. BMC MUSCULOSKELETAL DISORDERS 2021;22: 117(1)~117(7)

76) Hee jung Chae 1, Hye hyun Jeong 1, Jae kyung Cheon 2, Hong Jae Chon 3, Hye won Ryu 4, Il Hwan Kim 5, Myoung Joo Kang 5, Jae Ho Jeong 1, Baek Yeol Ryoo 1, Kyu Pyo Kim 6, Chang hoon Yoo 6. Efficacy and Safety of Second-Line Nab-Paclitaxel Plus Gemcitabine After Progression on FOLFIRINOX for Unresectable or Metastatic Pancreatic Ductal Adenocarcinoma: Multicenter Retrospective Analysis. Therapeutic Advances in Medical Oncology 2020;12: 1~8

77) Chang hoon Yoo, Seong gyu Byeon, Yeong hak Bang, Jae kyung Cheon, Jin W Kim, Jee H Kim, Hong J Chon, Beo deul Kang, Myoung J Kang, Il hwan Kim, Jun Eul Hwang, Jung H Kang, Myung A Lee, Jung Y Hong, Ho Y Lim. Regorafenib in previously treated advanced hepatocellular. LIVER INTERNATIONAL 2020;40: 2263~2271

78) Hyung Don Kim 1, Yeong hak Bang 1, Myung Ah Lee 2, Jin Won Kim 3, Jee Hyun Kim 3, Hong Jae Chon 4, Beodeul Kang 4, Myoung Joo Kang 5, Il hwan Kim 5, Jae kyung Cheon 6, Jun Eul Hwang 7, Jung Hun Kang 8, Seonggyu Byeon 9, Jung Yong Hong 9, Baek Yeol Ryoo 1, Ho Yeong Lim 9, Changhoon Yoo 1. Regorafenib in patients with advanced Child-Pugh B hepatocellular carcinoma: A multicentre retrospective study. LIVER INTERNATIONAL 2020;40: 2544~2252

79) Yun MR, Kim DH, Kim SY, Joo HS, Lee YW, Choi HM, Park CW, Heo SG, Kang HN, Lee SS, Schoenfeld AJ, Drilon A, Kang SG, Shim HS, Hong MH, Cui JJ, Kim HR, Cho BC. Repotrectinib Exhibits Potent Antitumor Activity in Treatment-Naive and Solvent-Front-Mutant ROS1-Rearranged Non-Small Cell Lung Cancer. CLINICAL CANCER RESEARCH 2020;26: 3287~3295

80) Pyo KH, Lim SM, Park CW, Jo HN, Kim JH, Yun MR, Kim D, Xin CF, Lee W, Gheorghiu B, Hong MH, Kim HR, Shim HS, Jang M, Lee SS, Cho BC. Comprehensive analyses of immunodynamics and immunoreactivity in response to treatment in ALK-positive non-small-cell lung cancer. Journal for ImmunoTherapy of Cancer 2020;8: e000970~(12)

81) Ho Sup Lee 1, Ki hyun Kim 2, Seok Jin Kim 2, Je Jung Lee 3, In ho Kim 4, Jin Seok Kim 5, Hyeon Seok Eom 6, Dok Hyun Yoon 7, Cheol won Suh 7, Ho Jin Shin 8, Yeung Chul Mun 9, Min Kyoung Kim 10, Sung Nam Lim 11, Chul Won Choi 12, Hye Jin Kang 13, Sung Soo Yoon 4, Chang Ki Min 14. Pomalidomide, cyclophosphamide, and dexamethasone for elderly patients with relapsed and refractory multiple myeloma: A study of the Korean Multiple Myeloma Working Party (KMMWP-164 study). AMERICAN JOURNAL OF HEMATOLOGY 2020;95: 413~421

82) Jae Cheol Jo, Jin Seok Kim, Je Hwan Lee, Jung Hee Lee, Sung Nam Lim, San Min Lee, Sung Soo Yoon, In Ho Kim, Sung Hwa Bae, Yoo Jin Lee, Yun suk Choi, Won Sik Lee. Busulfan, etoposide, cytarabine, and melphalan (BuEAM) as a conditioning regimen for autologous stem cell transplantation in patients with non-Hodgkin lymphoma (NHL). BONE MARROW TRANSPLANTATION 2020;55: 1466~1468

83) Hee Eun Choi, Sung Nam Lim, Jae Ha Lee, Se Heum Park. Comprehensive pulmonary rehabilitation in patients with bronchiolitis obliterans syndrome: A case series. BONE MARROW TRANSPLANTATION 2020;31: 101161~(3)

84) Ho Sup Lee 1, Ki hyun Kim 2, Je Jung Lee 3, Sung Soo Yoon 4, Soo Mee Bang 5, Jin Seok Kim 6, Hyeon Seok Eom 7, Dok Hyun Yoon 8, Yoo jin Lee 9 10, Ho Jin Shin 11, Yong Park 12, Jae Cheol Jo 10, Won Sik Lee 13, Young Rok Do 14, Yeung Chul Mun 15, Mark Hong Lee 16, Hyo Jung Kim 17, Sung Hyun

Kim 18, Min Kyoung Kim 19, Sung Nam Lim 20, Seong Kyu Park 21, Jun Ho Yi 22, Jae Hoon Lee 23, Chang Ki Min 24. Clinical impact of frailty on treatment outcomes of elderly patients with relapse and/or refractory multiple myeloma treated with lenalidomide plus dexamethasone. INTERNATIONAL JOURNAL OF HEMATOLOGY 2021;113: 81~91

85) S.H.Park, Y.E.Park, J.Lee, J.H.Choi, N.Y.Heo, J.Park, T.O.Kim, Y.S.Moon, H.K.Kim, H.J.Jang, H.Y.Park, C.H.Jeong, K.T.Suk, D.J.Kim. Lack of association between early menopause and non-alcoholic fatty liver disease in postmenopausal women. CLIMACTERIC 2020;23: 173~177

86) Seung Ha Park, Lindsay D Plank, Ki Tae Suk, Yong Eun Park, Jin Lee, Joon Hyuk Choi, Nae Yun Heo, Jongha Park, Tae Oh Kim, Young Soo Moon, Hyun Kuk Kim, Hang Jea Jang, Ha Young Park, Dong Joon Kim. Trends in the prevalence of chronic liver disease in the Korean adult population, 1998-2017. Clinical and Molecular Hepatology 2020;26: 209~215

87) Hyun Kuk Kim, Hyun Lee, Sang Heon Kim, Ha young Choi, Jae Ha Lee, Jae Seung Lee, Sei Won Lee, Yeon Mok Oh. Validation of the Korean Version of the Bronchiectasis Health Questionnaire. Tuberculosis and Respiratory Diseases(결핵및호흡기질환) 2020;83: 228~233

88) Jung Ki Yoon, Jung Kyu Lee, Chang Hoon Lee, Yong Il Hwang, Hyun kuk Kim, Dong il Park, Ki Eun Hwang, Sang Heon Kim, Ki Suck Jung, Kwang Ha Yoo, Seung Won Ra, Deog Kyeom Kim. The Association Between Eosinophil Variability Patterns and the Efficacy of Inhaled Corticosteroids in Stable COPD Patients. International Journal of Chronic Obstructive Pulmonary Disease 2020;15: 2061~2070

89) Seung Ha Park, Yong Eun Park, Jin Lee, Joon Hyuk Choi, Nae Yun Heo, Jong ha Park, Tae Oh Kim, Jun Seong Hwang, Eun ju Kim, Eun Hye Oh, Hang Jea Jang, Ha Young Park, Hyun Kuk Kim. The change in prevalence of suspected non-alcoholic fatty liver disease in Korean adolescents from 2001 to 2017. Paediatrics and International Child Health 2020;40: 166~170

90) Jae Ha Lee, Hang Jea Jang, Jin Han Park, Hyun Kuk Kim, Sung gun Lee, Ji Yeon Kim, Seong Ho Kim. Unilateral pleuroparenchymal fibroelastosis as a rare form of idiopathic interstitial pneumonia: A case report. World Journal of Clinical Cases 2020;8: 4186~4192

91) Shin Young Kim 1, Jin Han Park 2, Hyo Jung Kim 2, Hang Jea Jang 2, Hyun Kuk Kim 2, Seung Hoon Kim 1, Jae Ha Lee 2. Direct hemoperfusion with polymyxin B-immobilized fiber column in a patient with acute exacerbation of idiopathic pulmonary fibrosis. Acute and Critical Care (Korean J Crit Care Med) 2020;35: 302~306

92) Ho Cheol Kim, Jin Han Park, Jong Min Song, Jae Joon Hwang, Sang Bum Hong, Yeon Mok Oh, Sang Do Lee, Jae Seung Lee. Safety of early orthopedic surgery in patients with intermediate/low- or low-risk pulmonary embolism. Journal of Thoracic Disease 2020;12: 232~239

93) Si hyung Park, Yoo Jin Lee, Yang Wook Kim, Jung hae Ko, Jin Han Park, Il Hwan Kim, Hee Jin Kim, Do yeon Oh, Bong Soo Park. Atypical Hemolytic Uremic Syndrome (p.Gly1110Ala) with Autoimmune Disease. American Journal of Case Reports 2020;21: e922567~(5)

94) Satyabrata Aich, Jin young Youn, Sabyasachi Chakraborty, Pyari Mohan Pradhan, Jin han Park, Seong ho Park, Jin se Park. A Supervised Machine Learning Approach to Detectthe On/Off State in Parkinson's Disease Using Wearable Based Gait Signals. Diagnostics 2020;10: 421(1)~(18)

- 95) Bong Soo Park, Si Eun Kim, Ho Joon Lee, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Si Hyung Park, Yoo Jin Lee, Sol A Seo, Kang Min Park. Alterations in Structural and Functional Connectivities in Patients with End-Stage Renal Disease. *Journal of Clinical Neurology* 2020;16: 390~400
- 96) Bong Soo Park, Myung jun Seong, Jung hae Ko, Si Hyung Park, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Seong ho Park, Kang Min Park. Differences of connectivity between ESRD patients with PD and HD. *Brain and Behavior* 2020;10: e01708~(10)
- 97) Bong Soo Park, Hae Won Lee, Yoo Jin Lee, Si hyung Park, Yang Wook Kim, Si Eun Kim, Il Hwan Kim, Jin Han Park, Kang Min Park. Serum S100B represents a biomarker for cognitive impairment in patients with end-stage renal disease. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020;195: 105902~(5)
- 98) Jae Ha Lee, Hang Jea Jang, Jin Han Park, Hyun Kuk Kim, Sung gun Lee, Ji Yeon Kim, Seong Ho Kim. Unilateral pleuroparenchymal fibroelastosis as a rare form of idiopathic interstitial pneumonia: A case report. *World Journal of Clinical Cases* 2020;8: 4186~4192
- 99) Jae Ha Lee. Comprehensive pulmonary rehabilitation in patients with bronchiolitis obliterans syndrome: A case series. *Respiratory Medicine Case Reports* 2020;31: 101161~(3)
- 100) Jae Ha Lee. Clinical Characteristics of Chronic Obstructive Pulmonary Disease in Female Patients: Findings from a KOCOSS Cohort. *International Journal of Chronic Obstructive Pulmonary Disease* 2020;16: 2217~2224
- 101) Jae Ha Lee. Obstructive sleep apnea in patients with interstitial lung disease: Prevalence and predictive factors. *PLoS One* 2020;15: 0239963~(12)
- 102) JAE HA LEE. Pleuroparenchymal fibroelastosis in patients with idiopathic pulmonary fibrosis. *RESPIROLOGY* 2020;25: 1046~1052
- 103) Jae Ha Lee. Clinically amyopathic dermatomyositis presenting with isolated facial edema complicated by acute respiratory failure: a case report. *BMC MUSCULOSKELETAL DISORDERS* 2021;22: 1177(1)~177(7)

외과 (Surgery)

- 1) W Lee, Jeong Ik Park et al. clinical implication of tumor site in terms of node metastasis for intrahepatic cholangiocarcinoma. *European Journal of Surgical Oncology* 2020;46: 832~838
- 2) Chang JG et al. single-center experience of living donor liver transplantation for patients with secondary biliary cirrhosis. *TRANSPLANTATION PROCEEDINGS* 2021;53: 98~103
- 3) Sun Mi Yun, Yeong Seok Kim, Ki Hoon Kim & Dae Young Hur. Ampelopsin Induces DR5-Mediated Apoptotic cell death in EBV-Infected Cells through the p38 Pathway. *NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL* 2020;72: 489~494
- 4) 홍성용, 김세훈, 김기훈. Blunt isolated small bowel perforation intervention: Does a Delay in management matter?. *Emergency Medicine International* 2020;2020: 7478485~(8)

- 5) so yoon Choi, Ki hoon Kim. Recurrent attacks of sigmoid volvulus in a 16-year-old boy. *advances in pediatric surgery* 2020;26: 28~32
- 6) 이대상, 박영은, 임경훈, 장예림, 홍석경, 강민창, 배정민, 장지영, 조영권, 김기훈, 이길재. 응급 위장관 수술 후 영양 공급 실태: 후향적 다기관 연구. *surgical metabolism and nutrition* 2020;11: 1~6
- 7) Do hoe Ku, Ki Hoon Kim. Clinical analysis of trauma characteristics among preschool-aged children. *Journal of Acute Care Surgery* 2020;10: 37~41
- 8) Ki Hoon Kim. Pneumoperitoneum caused by the spontaneous perforation of a pyometra in an 80-year-old woman: A case report. *Journal of Acute Care Surgery* 2020;10: 62~64
- 9) Bong Ju Lee, Ki Hoon Kim. An unusual presentation of superior mesenteric arterial occlusion misdiagnosed as a psychiatric disorder in an elderly woman. *Rawal Medical Journal* 2020;45: 735~736
- 10) YJ Lim, KH Kim. Is hospital admission unnecessary after successful reduction in paediatric patients with intussusception?. *Hong Kong Journal of Paediatrics* 2020;25: 211~216
- 11) Gil Jae lee, Kyu Hyouck Kyoung, Ki Hoon Kim, Nam ryeol Kim, Young Hoon Sul, Kyoung Hoon Lim, Suk kyung Hong, Hang joo Cho. Current status of initial antibiotic therapy and analysis of infetions in pateints with solitary abdominal trauma: a multicenter trial in Korea. *Annals of Surgical Treatment and Research* 2021;100: 119~125
- 12) Won Beom Jung, MD, Jin Yong Shin, MD, PhD, Jong Kwon Park, MD, PhD. Comparison of short-term outcome between diverting colostomy and colonic stent as a bridge to surgery for left colonic malignant obstruction. *MEDICINE* 2020;99: e19557~e19561
- 13) Jong Kwon Park, Won Beom Jung, Jung Hee Yoon. Distribution Pattern of Atherosclerosis in the Abdomen and Lower Extremities and Its Association with Clinical and Hematological Factors. *Vascular Health and Risk Management* 2021;17: 13~21
- 14) Jin Lee, Sung Jin Oh. Signet Ring Cell Carcinoma Mimicking Gastric Gastrointestinal Stromal Tumor: A Case Report. *Case Reports in Oncology* 2020;13: 538~543
- 15) Sung Jin Oh. Reducing Malignant Ascites and Long-Term Survival in a Patient with Recurrent Gastric Cancer Treated with a Combination of Docetaxel and Mistletoe Extract. *Case Reports in Oncology* 2020;13: 528~533
- 16) Chang Min Lee 1, Moon Won Yoo 2, Young Gil Son 3, Sung Jin Oh 4, Jong Han Kim 1, Hyoung Il Kim 5, Joong Min Park 6, Hoon Hur 7, Ye Seob Jee 8, Sun Hwi Hwang 9, Sung Ho Jin 10, Sang Eok Lee 11, Ji Ho Park 12, Kyung Won Seo 13, Sung soo Park 1, Chang Hyun Kim 14, In Ho Jeong 15, Han Hong Lee 16, Sung Il Choi 17, Sang Il Lee 18, Chan Young Kim 19, In Hwan Kim 20, Myoung Won Son 21, Kyung Ho Pak 22, Sung soo Kim 15, Moon Soo Lee 23, Jae Seok Min 24. Long-term Efficacy of S-1 Monotherapy or Capecitabine Plus Oxaliplatin as Adjuvant Chemotherapy for Patients with Stage II or III Gastric Cancer after Curative Gastrectomy: a Propensity Score-Matched Multicenter Cohort Study. *Journal of Gastric Cancer* 2020;20: 152~164
- 17) Jong Ho Choi, Sang Uk Han, Han Kwang Yang, Young Woo Kim, Keun Won Ryu, Joong Min Park, Ji Yeong An, Min Chan Kim, Sung soo Park, Kyo Young Song, Sung Jin Oh, Seong Ho Kong, Byoung Jo Suh.

The pattern of postoperative quality of life following minimally invasive gastrectomy for gastric cancer: a prospective cohort from Korean multicenter robotic gastrectomy trial. *Annals of Surgical Treatment and Research* 2020;99: 275~284

18) Jung Sun Lee, Min Kyung Oh. Breast density of mammography is correlated with reproductive risk factors regardless of menopausal status: A cross-sectional study of the Korean National Screening Program. *Asian Pacific Journal of Cancer Prevention* 2020;21: 1011~1018

19) Tae Kyung Yoo 1, Sei Joong Kim 2, Jung Sun Lee 3, Sae Byul Lee 4, Soo Jung Lee 5, Ho Yong Park 6, Heung Kyu Park 7, Byung Joo Chae 8, Yong Hwa Eom 9, Hyung Suk Kim 10, Byung Joo Song 11. A NO predicting model for selective sentinel lymph node biopsy omission in early breast cancer upstaged from ductal carcinoma in situ. *Clinical Breast Cancer* 2020;20: e281~e289

20) Lee Jin Hwa, Oh kyung Sung, Jung Sun Lee, Yedaun Lee. Relationship between breast ultrasound background echotexture and magnetic resonance imaging background parenchymal enhancement and the effect of hormonal status thereon. *Ultrasound Quarterly* 2020;36: 179~191

21) Jung Sun Lee. Obesity status among breast cancer patients based on the Korean Obesity Index standard reference in the aging community. *Journal of Breast Disease* 2020;8: 108~114

22) Young Joon Kang¹, Se Jeong Oh¹, Hoon Choi¹, Shi jin Cho¹, Chang Hyun Shin¹, Chai won Kim², Yong Seok Kim². Clinical significance of HER2 status in T1bN0 breast cancer: A nationwide study from the Korean Breast Cancer Society. *BREAST CANCER RESEARCH AND TREATMENT* 2021;186: 125~134

23) Dong Sik Bae. Effect of Botulinum Toxin A on Scar Healing after Thyroidectomy: A Prospective Double-blind Randomized Controlled Trial. *Journal of Clinical Medicine* 2020;9: 868~875

24) Dong Sik Bae, Do Hoon Koo. A prospective, randomized controlled study of the safety and efficacy of gasless bilateral axillo-breast approach (BABA) robotic thyroidectomy. *SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES* 2020;34: 4846~4856

25) Dong Sik Bae, Do Hoon Koo. A Prospective Randomized Control Study Comparing the Effects of Dermal Staples and Intradermal Sutures on Postoperative Scarring After Thyroidectomy. *JOURNAL OF SURGICAL RESEARCH* 2020;256: 413~421

26) Do Hoon Koo. Effect of Botulinum Toxin A on Scar Healing after Thyroidectomy: A Prospective Double-blind Randomized Controlled Trial. *Journal of Clinical Medicine* 2020;9: 868~868

27) Eun ju Kim, Bo Hyun Jung. Abdominal wall metastasis from hepatocellular carcinoma 8 years after left hemihepatectomy. *The Korean Journal of Gastroenterology* 2020;75: 362~365

28) Bang Wool Eom, Byoung-Jo Suh et al. Development and Validation of a Symptom-Focused Quality of Life Questionnaire(KOQUSS-40) for Gastric Cancer Patients after Gastrectomy. *Cancer Res Treat* 2020;Dec: 29

29) Ku DH, Kim HS, Shin JY. Short-term and Medium-term Outcomes of Low Midline and Low Transverse Incisions in Laparoscopic Rectal Cancer Surgery. *Ann Coloproctol* 2020 Oct;36(5): 304~310

정형외과 (Orthopaedic Surgery)

- 1) Sang Won Moon. Long-term Follow-up of Patellar Nonresurfacing in Total Knee Arthroplasty. Clinics in Orthopaedic Surgery (CiOS) 2020;12: 49~54
- 2) Sang Won Moon. The effect of the sagittal plane osteotomy inclination on the posterior tibial slope in medial open wedge HTO: experimental study with a square column mode. BMC MUSCULOSKELETAL DISORDERS 2021;22: 89(1)~89(7)
- 3) 최병완, 박경구. 경추 시상면 정렬 평가 시 전 척추 측면 방사선과 비교한 경추 측면 방사선의 상관관계 및 유용성. 대한척추외과학회지 2020;27: 48~54
- 4) 신충식, 김진홍, 송경진, 최병완. 퇴행성 경추 질환의 기본 검사에서 동적 방사선촬영의 유용성. 대한척추외과학회지 2020;27: 125~130
- 5) 공규민, 광재만, 정구희. Eliminating projection error of measuring Pauwels'angle in the femur neck fractures by CT plane manipulation. Orthopaedics & Traumatology-Surgery & Research 2020;106: 125~130
- 6) 고명진, 김효중, 이현성, 이수지, 박예흠, 방진영, 이기화. Effect of phenylephrine infusion on hypotension induced by the beach chair position A prospective randomized trial. MEDICINE 2020;99: e20946-1~(6)
- 7) 권민성, 방진영, 남경한. Rapid destruction of shoulder joint by pigmented villonodularsynovitis treated by hemiarthroplasty: A case report. International Journal of Surgery Case Reports 2020;77: 138~142
- 8) Park KH, Park BK, Oh CW, Kim DW, Park H, Park KB. Overgrowth of the Femur After Internal Fixation in Children With Femoral Shaft Fracture. JOURNAL OF ORTHOPAEDIC TRAUMA 2020;34: e90~e95
- 9) Park BK, Kim HW, Park H, Park MJ, Hong KB, Park KB. One-Stage Extension Shortening Osteotomy for Syndromic Camptodactyly. Journal of Clinical Medicine 2020;9: 3731(1)~3731(9)
- 10) Kwak YH, Nam JH, Koh YG, Park BK, Hong KB, Kang KT. Femoral trochlear morphology is associated with anterior cruciate ligament injury in skeletally immature patients. KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY 2020;28: 3969~3977
- 11) Jae-Young Lim, MD, Ye-Hoon Jang, MD, Jun-Il Yoo, MD, Young-Kyun Lee, MD, Kyung-Hoi Koo, MD, and Yong-Chan Ha, MD. Outcomes After Arthroscopic Repair in Patients With Tears of Hypertrophic Versus Morphologically Normal Acetabular Labra. AMERICAN JOURNAL OF SPORTS MEDICINE 2020;48: 1168~1174
- 12) Yong-Chan Ha, Jae-Young Lim, Yoo-Sun Won, Young-Kyun Lee, Kyung-Hoi Koo, Jin-Woo Kim. Outcomes of arthroscopic femoroplasty in patients with cam lesions: Minimum 2-year follow-up. Journal of Orthopaedic Surgery 2020;28: 1~7
- 13) Boo-Seop Kim, Jae-Young Lim, Yong-Chan Ha. Recent Epidemiology of Hip Fractures in South Korea. Hip & Pelvis 2020;32: 119~124
- 14) Jae-Young Lim, Hyeong-Jun Park, Young-Kyun Lee, Yong-Chan Ha, Kyung-Hoi Koo. Comparison of Bone Preservation in Elderly Patients with Femoral Neck Fracture After Bipolar Hemiarthroplasty Using Shorter Femoral Stem and Standard Femoral Stem. Indian Journal of Orthopaedics 2020;54: 868~878

15) Jae-Young Lim, Yoshi Pratama Djaja, Yoo-Sun Won, Eui-Chan Jang, Jae Yoon Kim, Yong-Chan Ha. Comparison of clinical outcomes between arthroscopic debridement and conservative treatment of primary adhesive capsulitis of the hip. INTERNATIONAL ORTHOPAEDICS 2020;44: 2235~2241

흉부외과 (Cardiovascular and Thoracic Surgery)

- 1) Min Kyun Kang, Do Kyun Kang, Youn Ho Hwang. Isolated unilateral pulmonary artery agenesis presenting with massive hemoptysis. Respirology Case Reports 2020;8: e00511~e00511
- 2) Min Kyun Kang, Do Kyun Kang, Youn Ho Hwang, Ji Yeon Kim. Surgical treatment of micronodular thymoma with lymphoid stroma. Respirology Case Reports 2020;8: e00548~(3)
- 3) Min Kyun Kang, Do Kyun Kang. Esophageal Neuroendocrine Carcinoma With Focal Squamous Cell Carcinoma compone. Journal of Investigative Medicine High Impact Case Reports 2020;8: 1~3
- 4) Woon Heo, Suk Won Song, Tae Hoon Kim, Sun Hee Lim, Kyung Jong Yoo, Bum Koo Cho, Hye Sun Lee. Impact of Supraaortic Intimal Tears on Aortic Diameter Changes After Nontotal Arch Replacement. ANNALS OF THORACIC SURGERY 2020;110: 20~26
- 5) Hyun soo Kim, Woon Heo, Suk Won Song, Kyung Jong Yoo. Case report: left monoplegia in acute type B aortic dissection. AME case report 2020;4: 1~2
- 6) Tae Hoon Kim, Suk Won Song, Woon Heo, Kwang Hun Lee, Kyung Jong Yoo, Hye Sun Lee, Bum Koo Cho. Temporal pattern of aortic remodelling after endovascular treatment for chronic DeBakey IIIb dissection. Interactive Cardiovascular and Thoracic Surgery 2020;31: 232~238

신경외과 (Neurosurgery)

- 1) Seung Hwan Kim , Hyun-gon Lee , Hye-Jin Kim , Byeong-Sam Choi , Sung-Chul Jin. Transient neurological deterioration due to watershed shift after STA-MCA bypass surgery in acute atherosclerotic occlusion. JOURNAL OF CLINICAL NEUROSCIENCE 2020;73: 111~117
- 2) Jin Wook Baek, Sung Chul Jin, Sung Tae Kim, Hae Woong Jeong, Young Gyun Jeong, Young Jin Heo, Ji Yeon Han, Dong hyun Kim, Jung Hyun Park, Soon Chan Kwon, Eun Suk Park, Tae hee Shin, Tae Hong Lee, Sang Weon Lee, Seung Kug Baik. Radiological and clinical outcomes of endovascular coiling of proximal A1 aneurysms. JOURNAL OF CLINICAL NEUROSCIENCE 2020;73: 67~73
- 3) Kim D, Kim HY, Jin SC, Lee S1. Disappearance of a Distal Shunt Catheter: A Case Report of an Unusual Cause of Shunt Malfunction. Korean Journal of Neurotrauma(Korean J Neurotrauma) 2020;16: 79~84
- 4) Sungjoon Lee, Hyungon Lee, Byung-Sam Choi & Sung-Chul Jin. Unexpected abnormal intraoperative neurophysiologic monitoring change by multiple spontaneous intracerebral heamorrhage during endovascular coiling. BRITISH JOURNAL OF NEUROSURGERY 2020;34: 342~345

- 5) Dong Hyuk Lee, Seung Hwan Kim, Hyungon Lee, Su Bin Kim, Dongah Lee, Young Jin Heo, Jin Wook Baek, Hye Jin Kim, Jung-Soo Kim, Jung Hyun Park, Hae Woong Jeong, Hae Yu Kim, Sung-Chul Jin. Thrombectomy in acute vertebrobasilar occlusion: a single center experience. *NEURORADIOLOGY* 2020;62: 723~731
- 6) Seung Hwan Kim, Hyungon Lee, Su Bin Kim, Sung Tae Kim, Jin Wook Baek, Young Jin Heo, Hae Woong Jeong, Hye Jin Kim, Jung Hyun Park, Jung-Soo Kim, Sung-Chul Jin. Hybrid mechanical thrombectomy for acute ischemic stroke using an intermediate aspiration catheter and Trevo stent simultaneously. *JOURNAL OF CLINICAL NEUROSCIENCE* 2020;76: 9~14
- 7) Jin Wook Baek, Sung-Chul Jin, Jung Hoon Kim, Min Wook Yoo, Hae Woong, Jung Hwa Seo, Ji Yeon Han, Young Jin Heo & Sung Tae Kim. Initial multicentre experience using the neuroform atlas stent for the treatment of un-ruptured saccular cerebral aneurysms. *BRITISH JOURNAL OF NEUROSURGERY* 2020;34: 333~338
- 8) Seung Hwan Kim, Hyungon Lee, Su Bin Kim, Sung Tae Kim, Jin Wook Baek, Young Jin Heo, Hye Jin Kim, Jung Hyun Park, Jung-Soo Kim, Sung-Chul Jin. Differences in thromboembolism after stent-assisted coiling for unruptured aneurysms between aspirin plus clopidogrel and ticagrelor. *JOURNAL OF CLINICAL NEUROSCIENCE* 2020;82: 128~133
- 9) 한은영, 박진세, 김해유, 조근열, 도환권, 이병인. Cognitive intervention with musical stimuli using digital devices on mild cognitive impairment. *Healthcare* 2020;8: 45(1)~45(13)
- 10) 김도엽, 최병삼, 김해유, 이승준. Clinical and radiographic outcomes of oblique lumbar interbody fusion at 1 year- a preliminary report of a single institution experience. *Journal of minimally invasive spine surgery and technique* 2020;5: 1~7
- 11) John Kwon, 최병삼, 김해유, 이승준. Anterior spinal artery syndrome occurring after one level segmental artery ligation during spinal surgery. *Korean Journal of Neurotrauma (Korean J Neurotrauma)* 2020;16: 348~354
- 12) 김창곤, 최병삼, 김해유, 이승준. Cervical spinal fracture caused by untreated Tourette syndrome-a case report. *Korean Journal of Neurotrauma (Korean J Neurotrauma)* 2020;16: 292~298
- 13) 양승현, 김해유, 이선일, 진성진. The effect of epidermal growth factor receptor mutation on intracranial progression-free survival of non-small cell lung cancer patients with brain metastasis underwent gamma knife radiosurgery. *Brain Tumor Research and Treatment* 2020;8: 103~108
- 14) 박진세, 박강민, 조근열, 이현곤, 최병삼, 신경진, 하삼열, 박성호, 이호준, 김해유. An investigation of thalamic nuclei volumes and the intrinsic thalamic structural network based on motor subtype in drug naive patients with PD. *PARKINSONISM & RELATED DISORDERS* 2020;81: 165~172
- 15) Bo mi Kim, Yeon Mee Kim, Sung Chul Jin, Jun won Lee, Byung In Lee, Jun won Lee, Byung In Lee, Sung Eun Kim, Kyong Jin Shin, Jin Se Park, Kang Min Park, Si Eun Kim, Seong ho Park, Sam Yeol Ha. Development of a predictive scale for cardioembolic stroke using extracted thrombi and angiographic findings. *Journal of Clinical Neuroscience* 2020;73: 224~230

16) Young Jin Heo, Hae Woong Jeong, Dong hyun Kim, Jin Wook Baek, Ji yeon Han, Hye Jung Choo, Sung Tae Kim, Young Gyun Jeong and Sung Chul Jin. Usefulness of pointwise encoding time reduction with radial acquisition sequence in subtraction-based magnetic resonance angiography for follow-up of the Neuroform Atlas stent-assisted coil embolization for cerebral aneurysms. *Acta Radiologica* 2020;0(0): 1~7

17) Do yub Kim, Hae Yu Kim, Sung Chul Jin and Sung joon Lee. Disappearance of a Distal Shunt Catheter: A Case Report of an Unusual Cause of Shunt Malfunction. *Korean Journal of Neurotrauma* 2020;16(1): 79~84

정신건강의학과 (Neuropsychiatry)

1) Seong-Ho Kim, Min-Woo Lee, Min-Jae kang, Sung Gun Lee, Jung-Goo Lee, Chi-Woong Mun. Comparison Analysis between the Medication Efficacy of the Milnacipran and Functional Connectivity of Neural Networks in Fibromyalgia Patients. *Brain Sciences* 2020;10: 295(1)~295(10)

2) Duk-In Jon, Young Sup Woo, Jeong-Seok Seo, Jung Goo Lee , Jong-Hyun Jeong, Won Kim, Young Chul Shin, Kyung Joon Min, Bo-Hyun Yoon, Won-Myong Bahk. The Korean Medication Algorithm Project for Bipolar Disorder (KMAP-BP): Changes in preferred treatment strategies and medications over 16 years and five editions. *BIPOLAR DISORDERS* 2020;22: 461~471

3) Mi Kyoung Seo, Seon-Gu Kim, Dae-Hyun Seog, Won-Myong Bahk, Seong-Ho Kim, Sung Woo Park, Jung Goo Lee. Effects of Early Life Stress on Epigenetic Changes of the Glucocorticoid Receptor 1 7 Promoter during Adulthood. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 2020;21: E6331~(12)

4) Yena Lee, Elisa Brietzke, Bing Cao, Yan Chen, Outi Linnaranta, Rodrigo B Mansur, Paulina Cortes, Markus Kusters, Amna Majeed, Jocelyn K Tamura, Leanna M W Lui, Maj Vinberg, Jaakko Keinanen, Steve Kise. Development and implementation of guidelines for the management of depression: a systematic review. *BULLETIN OF THE WORLD HEALTH ORGANIZATION* 2020;98: 683~697H

5) Seon Gu Kim, Sung Woo Park, Mi Kyoung Seo, Taekjoong Kim, Jung Goo Lee. Lack of Association between Metabolic Syndrome and Depression in Korean Adults: Analysis Based on the 2016 and 2018 Korean National Health and Nutrition Examination Surveys. *우울조울병* 2020;18: 83~89

6) Mi Kyoung Seo, Ah Jeong Choi, Dae-Hyun Seog, Jung Goo Lee, Sung Woo Park. Early Enriched Environment Prevents Epigenetic p11 Gene Changes Induced by Adulthood Stress in Mice. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES* 2021;22: 1928(1)~(13)

7) Seon-Cheol Park, Kiwon Kim, Ok-Jin Jang, Hyung-Jun Yoon, Seung-Ho Jang, Sung-Wan Kim, Bong-Ju Lee, Jae-Hong Park, Kang-Uk Lee, and Joon-ho Choi. Network Analysis of Language Disorganization in Patients with Schizophrenia. *YONSEI MEDICAL JOURNAL* 2020;61: 726~730

8) 문서영, 윤지애, 이규영, 박염홍, 김성완, 이봉주, 이승환, 김정진, 원승희, 김승현, 강시현, 김의태, 정영철, 유제춘. 초기 정신증 환자에서 병전 외상력에 따른 증상, 기능과 예후의 차이. *신경정신의학* 2020;59: 228~235

9) Bong Ju Lee, Ki Hoon Kim. A 50-year-old woman with superior mesenteric arterial occlusion misdiagnosed as a psychiatric disorder: a case report. *Rawal Medical Journal* 2020;45: 735~736

- 10) Yin Cui, Yan-Hong Piao, Sung-Wan Kim, Bong-Ju Lee, Jung-Jin Kim, Je-Chun Yu, Kyu-Young Lee, Seung-Hee Won, Seung-Hwan Lee, Seung-Hyun Kim, Shi-Hyun Kang, Eui-tae Kim, Nam-hee Kim, Young-Chul Chung. Psychological factors intervening between childhood trauma and suicidality in first-episode psychosis. PSYCHIATRY RESEARCH 2020;293: 113465~(7)
- 11) Youngmin Lee, Nam-In Kang, Keon-Hak Lee, YanHong Piao, Yin Cui, Sung-Wan Kim, Bong Ju Lee, Jung Jin Kim, Je-Chun Yu, Kyu Young Lee, Seung-Hee Won, Seung-Hwan Lee, Seung-Hyun Kim, Shi Hyun Kang, Euitae. Effects of antipsychotics on rumination in patients with first-episode psychosis. PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY 2020;103: 109983~(8)
- 12) Seon Cheol Park 1, Bong Ju Lee 1, Jae Hong Park 2, Hiroaki Kawasaki 3, Ajit Avasthi 4, Sandeep Grover 4, Andi J Tanra 5, Shih Ku Lin 6, Afzal Javed 7, Chay Hoon Tan 8, Norman Sartorius 9, Naotaka Shinfuku 10, Yong Chon Park 11. QT interval prolongation noted in one percent of 2553 Asian patients with schizophrenia: Findings from the REAP?AP survey. KAOHSIUNG JOURNAL OF MEDICAL SCIENCES 2020;36: 1030~1037
- 13) Gyung-Mee Kim, Gyun-Ho Jeon. Serum vitamin D levels and ovarian reserve markers in secondary amenorrhea patients: Is there a link?. Obstetrics & Gynecology Science 2020;63: 521~528
- 14) Seon-Cheol Park, Gyung-Mee Kim, Takahiro A. Kato, Mian-Yoon Chong, Shih-Ku Lin, Shu-Yu Yang , Ajit Avasthi, Sandeep Grover, Roy Abraham Kallivayalil, Yu-Tao Xiang, Kok Yoon Chee, Andi Jayalang. Dyskinesia is most centrally situated in an estimated network of extrapyramidal syndrome in Asian patients with schizophrenia: findings from research on Asian psychotropic prescription patterns for antipsychotics. NORDIC JOURNAL OF PSYCHIATRY 2021;75: 9~17
- 15) 박선철. 증상 중심의 항우울제 선택. 대한의사협회지 2020;63: 216~226
- 16) Seon-Cheol Park. Secondary Emotional Reactions to the COVID-19 Outbreak Should be Identified and Treated in Korea. JOURNAL OF KOREAN MEDICAL SCIENCE 2020;35: e161(1)~e161(3)
- 17) Seon-Cheol Park. Relationship between Body Mass Index and Extrapyramidal Symptoms in Asian Patients with Schizophrenia: The Research on Asian Psychotropic Prescription Patterns for Antipsychotics (REAP-AP). Psychiatria Danubina 2020;32: 176~186
- 18) Seon-Cheol Park. Reduced Awareness of Surroundings Is the Most Central Domain in the Network Structure of Posttraumatic Stress Disorder Symptoms. NORDIC JOURNAL OF PSYCHIATRY 2020;74: 235~243
- 19) Seon-Cheol Park. Network analysis of the depressive symptom profiles in Asian patients with depressive disorders: Findings from the Research on Asian Psychotropic Prescription Patterns for Antidepressants (REAP-AD). PSYCHIATRY AND CLINICAL NEUROSCIENCES 2020;74: 344~353
- 20) Seon-Cheol Park. Depressive Symptom Severity-Related Clinical Characteristics in Korean Male Patients with Methamphetamine Use Disorder. Psychiatry and Clinical Psychopharmacology 2020;30: 107~114
- 21) Seon-Cheol Park. The Centrality of Depressive and Anxiety Symptoms in Major Depressive Disorder Determined Using a Network Analysis. JOURNAL OF AFFECTIVE DISORDERS 2020;271: 19~26
- 22) 박선철. 기분조절제로 인한 인지기능 부작용이 동반된 양극성기분장애 환자의 임상적인 특징: 아시아의 정신작용약물 처방 경향 연구(REAP-BD Survey) 중 국내 자료 활용. 신경정신의학 2020;59: 277~284

- 23) Seon-Cheol Park. "Suicide CARE" (Standardized Suicide Prevention Program for Gatekeeper Intervention in Korea): An Update. *Psychiatry Investigation* 2020;17: 911~924
- 24) Seon-Cheol Park. Treatment Rate of Schizophrenia in China: A Meta-analysis of Epidemiological Studies. *Psychiatric Quarterly* 2020;91: 863~875
- 25) Seon-Cheol Park. Coprescription of mood stabilizers in schizophrenia, dosing, and clinical correlates: An international study. *HUMAN PSYCHOPHARMACOLOGY-CLINICAL AND EXPERIMENTAL* 2020;35: e2572~(7)
- 26) Seon-Cheol Park. Contents of the Standardized Suicide Prevention Program for Gatekeeper Intervention in Korea, Version 2.0. *Psychiatry Investigation* 2020;17: 1149~1157
- 27) Seon-Cheol Park. Patterns of Long Acting Injectable Antipsychotic Use and Associated Clinical Factors in Schizophrenia amongst 15 Asian Countries and Region. *Asia-Pacific Psychiatry* 2020;36: 1030~1037
- 28) Seon-Cheol Park. Network Analysis of the Symptoms of Depressive Disorders over the Course of Therapy: Changes in Centrality Measures. *Psychiatry Investigation* 2021;18: 48~58
- 29) Park SC, Park YC. Korea in the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition. *J Korean Med Sci* 2020Jan;13: 35(2)e6
- 30) Park SC. Symptom-based selection of antidepressants. *J Korean Med Assoc.* 2020;63(4): 216~226
- 31) Park SC, Kim YK. Anxiety Disorders in the DSM-5: Changes, Controversies, and Future Directions. *Adv Exp Med Biol.* 2020;1191: 187~196
- 32) Park SC, Park YC. Mental Health Care Measures in Response to the 2019 Novel Coronavirus Outbreak in Korea. *Psychiatry Investig.* 2020 Feb;17(2): 85~86
- 33) Park SC, Kim D. The Centrality of Depression and Anxiety Symptoms in Major Depressive Disorder Determined Using a Network Analysis. *J Affect Disord.* 2020Jun15;271: 19~26

소아청소년과 (Pediatrics)

- 1) 허윤정. Guideline for advanced neuroimaging in pediatric epilepsy. *clinical and experimental pediatrics* 2020;63: 100~101
- 2) Zhi-Ji Wang 1, Eun-Seong Kim, Byoung-ho H Noh, Jun-Ge Liang, Dongpyo Lee, Yun Jung Hur, Nam-Young Kim, Heung-Dong Kim. Alteration in Brain Connectivity in Patients With Dravet Syndrome After Vagus Nerve Stimulation (VNS): Exploration of Its Effectiveness Using Graph Theory Analysis With Electroencephalography. *Journal of Neural Engineering* 2020;17: 036014~(12)
- 3) Sang Ahm Lee 1, Su Hyun Han 2, Yang Je Cho 3, Keun Tae Kim 4, Ji Eun Kim 5, Dong Jin Shin 6, Jong Geun Seo 7, Young Soo Kim 8, Han Uk Ryu 9, Seo Young Lee 10, Jung Bin Kim 11, Kyung Wook Kang 12, Shin hye Kim 13, Soon hak Kwon 7, Joon sik Kim 4, Sun jun Kim 9, Hyo Jeong Kim 6, So Hee Eun 14, Yun Jung Hur 15, Sun Ah Choi 16, Mi Sun Yum 17, So young Park 18, Jee Hyun Kim 19, Gha Hyun Lee 20,

Young Mi Kim 20, Kyoung Jin Hwang 21, Eun Young Kim 22, Gyu Min Yeon 23. Factors Associated With Stigma and Depressive Symptoms in Family Members of Patients With Epilepsy. *EPILEPSY & BEHAVIOR* 2020;110: 107129~(6)

4) Ji Hye Hwang, Mi Lim Chung, Yun Jung Lim. Incidence and risk factors of subclinical umbilical catheter-related. *THROMBOSIS RESEARCH* 2020;194: 21~25

5) Jeon J, Lim G, Oh KW, Lee NM, Park HW, Chung ML. The forehead is a better site than the sternum to check transcutaneous bilirubin during phototherapy in sick infants. *Kosin Medical Journal* 2020;20: 548(1)~(5)

6) Park CE, Chung ML, Hwang JH, Lee MK. A case of trisomy 9 mosaicism confirmed by microarray test. *Kosin Medical Journal* 2020;35: 143~150

7) So Yoon Choi, Young Ok Choi, Yon Ho Choe, and Ben Kang. Potential Utility of Therapeutic Drug Monitoring of Adalimumab in Predicting Short-Term Mucosal Healing and Histologic Remission in Pediatric Crohn's Disease Patients. *JOURNAL OF KOREAN MEDICAL SCIENCE* 2020;35: 114(1)~(10)

8) 최소윤. A case of hydrogen peroxide-induced proctocolitis in a child. *대한소아응급의학회지* 2020;7: 53~56

9) Hye Su Hwang, Ye Jin Kim, Min Seob Song. Kawasaki disease with tsutsugamushi disease:two case reports. *CARDIOLOGY IN THE YOUNG* 2020;30: 877~879

10) Eunjoo Lee, Kyunguk Jeong, Yoo-Seob Shin, Dong-Ho Nahm, Hae-Sim Park, Hyun-Na Choi, Jiwon Yoon, Young-Min Ye, Sooyoung Lee. Causes of food allergy according to age and severity: A recent 10-year retrospective study from a single tertiary hospital. *Allergy Asthma Respiratory Disease* 2020;8(2): 80~88

11) Kyunguk Jeong, Young-Min Ye, Sang-Ha Kim, Kyung Won Kim, Jeong Hee Kim, Ji-Won Kwon, Song-I. Yang, So-Yeon Lee, Eun Hee Chung, Mi-Ae Kim, Yoon Hee Kim, Hye-Young Kim, Gwang Cheon Jang, Joo-Hee Kim, Eunjoo Lee, Jihyun Kim, Kangmo Ahn, Yoon-Seok Chang, Gyu-Young Hur, Jeongmin Lee, Taek Ki Min, Bok-Yang Pyun, Kyung Hee Park, Jaechun Lee, Tae Won Song, Hye Mi Jee, Yoo Seob Shin, Dankyu Yoon, Jeom-Kyu Lee and Sooyoung Lee. A multicenter anaphylaxis registry in Korea: Clinical characteristics and acute treatment details from infants to older adults. *World Allergy Organization Journal* 2020;13: 100449

12) Hea-Ji Kim, Jae-Jung Kim, Sin Weon Yun, Jeong Jin Yu, Kyung Lim Yoon, Kyung-Yil Lee, Hong-Ryang Kil, Gi Beom Kim, Myung-Ki Han, Min Seob Song, Hyoung Doo Lee, Kee Soo Ha, Young Mi Hong, Gi Young Jang, Jong-Keuk Lee and The Korean Kawasaki Disease Genetics Consortium. Association of the IL16 Asn1147Lys polymorphism with intravenous immunoglobulin resistance in Kawasaki disease. *Journal of Human Genetics* volume 65 2020;65: 421~426

산부인과 (Obstetrics and Gynecology)

1) S. H. Park, Y. E. Park, J. Lee, J. H. Choi, N. Y. Heo, J. Park, T. O. Kim, Y. S. Moon, H. K. Kim, H. J. Jang, H. Y. Park, C.-H. Jeong, K. T. Suk & D. J. Kim. Lack of association between early menopause and non alcoholic fatty liver disease in postmenopausal women. *CLIMACTERIC* 2020;23: 173~177

- 2) Jung Mi Byun, Hwa Jin Ch, Ha Young Park, Dae Sim Lee, In Hak Choi, Young Nam Kim, Chul Hoi Jeong, Da Hyun Kim, Do Hwa Im, Byoung Jin Min, Kyung Bok Lee, Moon Su Sung, Dae Hoon Jeong. The clinical significance of HERV-H LTR -associating 2 expression in cervical adenocarcinoma. *MEDICINE* 2021;100: e23691~(7)
- 3) Jeong Eun Lee, MM, Che Yon Park, MM, Eunhyun Lee, MD, Yong Il Ji, MD, PhD. Effect of gynecological cancer and its treatment on bone mineral density and the risk of osteoporosis and osteoporotic fracture. *Obstetrics & Gynecology Science* 2020;63: 470~479
- 4) Sungwook Chun and Yong Il Ji. Effect of Hysterectomy on Ovarian Reserve in the Early Postoperative Period Based on the Type of Surgery. *대한폐경학회지* 2020;26: 159~164
- 5) Sungwook Chun, Yun Hee Koo, Yong Jin Na. Two Cases of Primary Ovarian Insufficiency Accompanied by High Serum Anti-Mullerian Hormone Levels and Preservation of Ovarian Follicles. *대한폐경학회지* 2020;26: 143~146
- 6) Academic Committee of the Korean Society of Menopause; Sa Ra Lee 1, Moon Kyoung Cho 2, Yeon Jean Cho 3, Sung wook Chun 4, Seung Hwa Hong 5, Kyu Ri Hwang 6, Gyun Ho Jeon 4, Jong Kil Joo 7, Seul Ki Kim 8, Dong Ock Lee 9, Dong Yun Lee 10, Eun Sil Lee 11, Jae Yen Song 12, Kyong Wook Yi 13, Bo Hyon Yun 14, Jung Ho Shin 13, Hee Dong Chae 15, Tak Kim 13. The 2020 Menopausal Hormone Therapy Guidelines. *대한폐경학회지* 2020;26: 69~98
- 7) Gyung-Mee Kim, Gyun-Ho Jeon MD. Serum vitamin D levels and ovarian reserve markers in secondary amenorrhea patients: Is there a link?. *Obstetrics & Gynecology Science* 2020;63: 521~528
- 8) Gyun Ho Jeon 1, Dae Sim Lee 2 3, Jung Mi Byun 2 3, Ki Tae Kim 4, Dae Hoon Jeong 2 3. Immunoregulatory protein V-set and immunoglobulin domain-containing 4 is overexpressed in patients with endometriosis. *JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH* 2021;47: 119~127
- 9) Cho hyunjin. Does Fetal Pulmonary Venous Flow impedance increase in pregnancies with placental insufficiency-related oligohydramnios in the third trimester?. *JOURNAL OF ULTRASOUND IN MEDICINE* 2020;39: 859~865
- 10) 박채연, 조현진. 주산기 주요 감염질환의 예방 및 관리. *한국모자보건학회지* 2020;24: 133~143

비뇨의학과 (Urology)

- 1) Eun-Yeung Gong, Hyung Ah Jo, Sang Hyun Park, Dae Ryong Cha. VSIG4 Induces Epithelial-Mesenchymal Transition of Renal Tubular Cells under High-Glucose Conditions. *Life-Basel* 2020;10: 354(1)~354(7)
- 2) Wang Y, Singhal U, Qiao Y, Kasputis T, Chung JS, Zhao H, Chammaa F, Belardo JA, Roth TM, Zhang H, Zaslavsky AB, Palapattu GS, Pienta KJ, Chinnaiyan AM, Taichman RS, Cackowski FC, Morgan TM. Wnt Signaling Drives Prostate Cancer Bone Metastatic Tropism and Invasion. *Translational Oncology* 2020;13: 100747~(9)
- 3) Chung JS, Morgan TM, Hong SK. Clinical implications of genomic evaluations for prostate cancer risk

stratification, screening, and treatment: a narrative review. *Prostate International* 2020;8: 99~106

4) Hyungseok Cho, Jae-Seung Chung, Ki-Ho Han. A Direct Comparison between the Lateral Magnetophoretic Microseparator and AdnaTest for Isolating Prostate Circulating Tumor Cells. *Micromachines* 2020;11: 870~883

5) Jae-Seung Chung , Sung Kyu Hong , Sang Chul Lee , Chang Wook Jeong , Cheol Kwak , Hyeon Hoe Kim, Sung Hoo Hong, Yong June Kim, Seok Ho Kang, Jinsoo Chung, Tae Gyun Kwon, Eu Chang Hwang, Seok-Soo Byun. Impact of short warm ischemic time on longitudinal kidney function and survival rate after partial nephrectomy for renal cell carcinoma in patients with pre-existing chronic kidney disease stage III: A multi-institutional propensity score-matched study. *EJSO* 2021;47: 470~476

6) Jee Soo Park, Kyo Chul Koo, Doo Yong Chung, Sun Il Kim, Jeongho Kim, Cheol Kyu Oh, Tae Nam Kim, Sung Ku Kang, Jae Won Park, Young Eun Yoon, Sung Yul Park, Koon Ho Rha, Won Sik Ham. Visceral Adiposity as a Significant Predictor of Sunitinib-Induced Dose-Limiting Toxicities and Survival in Patients with Metastatic Clear Cell Renal Cell Carcinoma. *Cancers* 2020;12: 3602(1)~3602(11)

안과 (Ophthalmology)

1) Kang Yeun Pak, Jae Pil Shin, Hyun Woong Kim, Min Sagong, Yu Cheol Kim, Sang Joon Lee, In Young Chung, Sung Who Park, Ji Eun Lee. One-Year Results of Treatment of Diabetic Macular Edema with Aflibercept Using the Treat-and-Extend Dosing Regimen: the VIBIM Study. *OPHTHALMOLOGICA* 2020;243: 255~262

2) Yu Cheol Kim, Jae Pil Shin, Kang Yeun Pak, Hyun Woong Kim, Min Sagong, Sang Joon Lee, In Young Chung, Sung Who Park, Ji Eun Lee. Two-year outcomes of the treat-and-extend regimen using aflibercept for treating diabetic macular oedema. *Scientific Reports* 2020;10: 22030~(7)

3) Chang Ki Yoon, Min Sagong, Jae Pil Shin, Sang Joon Lee, Joo Eun Lee, Ji Eun Lee, Inyoung Chung, Woo Jin Jeong, Kang Yeun Pak, Hyun Woong Kim. efficacy of intravitreal dexamethasone implant on hard exudate in diabetic macular edema. *BMC Ophthalmology* 2021;21: 41(1)~(10)

4) Ji Min Kwon, Kang Yeun Pak, Jae Jung Lee, Min Sagong, Hyun Woong Kim. one year result of aflibercept treatment for polypoidal choroidal vasculopathy with good visual acuity. *Korean Journal of Ophthalmology* 2021;35: 26~36

5) 나정호, 이수정. 상안정맥혈전증을 동반한 경동맥해면정맥동루. *대한안과학회지* 2020;61: 449~453

6) 정도희, 이수정. 재발 결막육아종 환자에서 베바시주맵 주사 후 호전된 1예. *대한안과학회지* 2020;61: 815~818

7) Ji Min Kwon, Soo Jung Lee. Factors Affecting Contrast Sensitivity in Intermittent Exotropia. *Korean Journal of Ophthalmology* 2020;34: 392~397

8) Hae Rang Kim, Robert N Weinreb, Linda M Zangwill, Min Hee Suh. Characteristics of Focal Gamma Zone Parapapillary Atrophy. *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE* 2020;61: 17(9)~17(9)

9) Rao HL, Pradhan ZS, Suh MH, Moghimi S, Mansouri K, Weinreb RN. Optical Coherence Tomography Angiography in Glaucoma. JOURNAL OF GLAUCOMA 2020;29: 312~321

10) Min Hee Suh, Jeong Ho Na, Linda M. Zangwill, Robert N. Weinreb. Deep-layer Microvasculature Dropout in Preperimetric Glaucoma Patients. JOURNAL OF GLAUCOMA 2020;29: 423~428

11) Agrawal R1, Ding J2, Sen P3, Rousselot A4, Chan A5, Nivison-Smith L6, Wei X5, Mahajan S7, Kim R8, Mishra C8, Agarwal M9, Suh MH10, Luthra S11, Munk MR12, Cheung CY13, Gupta V14; CVI.grid. Exploring choroidal angioarchitecture in health and disease using choroidal vascularity index. PROGRESS IN RETINAL AND EYE RESEARCH 2020;77: 100829~(22)

12) Ji Hoon Ban, Hyun Duck Kwak, Chang Ki Yoon, Hyun Woong Kim. Choroidal Thickness Analysis in Primary Rhegmatogenous Retinal Detachment. Korean Journal of Ophthalmology 2020;61(10): 1177~1183

13) Chan Ho Cho, Won Mo Gu, Sang-Bumm Lee. Clinical Analysis of Candida Species Keratitis: Predisposing Factors, Clinical Characteristics, and Treatment Outcomes. Journal of the Korean Ophthalmology Society 2020;61(9): 1023~1034

이비인후과 (Otolaryngology)

1) Sung-Dong Kim, Shin Ae Kang, Yong-Wan Kim, Hak Sun Yu, Kyu-Sup Cho, Hwan-Jung Roh. Screening and Functional Pathway Analysis of Pulmonary Genes Associated with Suppression of Allergic Airway Inflammation by Adipose Stem Cell-Derived Extracellular Vesicles. Stem Cells International 2020;2020: 5684250~(11)

2) 박병후, 이근익, 김해유, 김용완. 전상돌기에 발생한 점액낭종 1예. 임상이비인후과 2020;31: 218~221

3) Jun Ook Park, Mi Ra Kim, Yeong Jun Park, Min Sik Kim, Dong Il Sun. Transoral endoscopic thyroid surgery using robotic scope holder: Our initial experiences. Journal of Minimal Access Surgery 2020;16: 235~238

4) Hye-kyung Shim, Mi Ra Kim, Hongje Lee. Fluorodeoxyglucose positron emission tomography/computed tomography identifying pericardial metastasis from early-stage p16-positive oropharyngeal cancer. Clinical Case Reports 2020;8: 1261~1264

5) Joo Yeon Kim, Hye-kyung Shim, Mi Ra Kim. A Case of Extranodal Rosai-Dorfman Disease Presenting as an Isolated Mass on the Base of the Tongue in a 57-Year-old Woman. American Journal of Case Reports 2020;21: e925716-1~e925716-6

6) Mi Ra Kim, Yeong Jun Park, Byung Whoo Park, Taekyung Suh, Sang-Yeon Kim, Tae Hoon Moon, Dong Hyun Lee, Jun-Ook Park. Can Voice Pitch Be Preserved in Patients after Transoral Endoscopic Thyroidectomy Vestibular Approach?. Journal of Clinical Medicine 2020;9: 2777(1)~(11)

7) Tae-Hoon No,1 Kyeong Min Jo,1 So Young Jung,2 Mi Ra Kim,3 Joo Yeon Kim,4 Chan Sun Park,5,* and Sungmin Kym. Coxsackievirus A6-induced Hand-Foot-and-Mouth Disease Mimicking Stevens-Johnson Syndrome in an Immunocompetent Adult. Infection and Chemotherapy (Infect Chemother) 2020;52: 634~640

8) Hyo Won Chang 1, Myungjin Lee 1, Yoon Sun Lee 1, Song Hee Kim 2, Jong Cheol Lee 3, Jung Je Park 4, Hae Yun Nam 5, Mi Ra Kim 6, Myung Woul Han 2, Seong Who Kim 7, Sang Yoon Kim 8. p53-dependent glutamine usage determines susceptibility to oxidative stress in radioresistant head and neck cancer cells. CELLULAR SIGNALLING 2021;77: 109820(1)~(10)

9) Shin Hye Kim, Jeong-Rok Kim, Jae-Jun Song, Sung-Won Chae. Trend and patterns in the antibiotics prescription for the acute otitis media in Korean children. INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY 2020;130: 109789~(5)

10) Kim AY, Lee JK, Kim SH, Choi J, Song JJ, Chae SW. Is Postural Dysfunction Related to Sarcopenia? A Population-Based Study. PLoS One 2020;15: e0232135~(15)

12) Sang-Yeon Kim. How Can We Predict the Recovery from Pitch Lowering After Thyroidectomy?. WORLD JOURNAL OF SURGERY 2020;44: 3395~3404

신경과 (Neurology)

1) Bo mi Kim, Yeon Mee Kim, Sung Chul Jin, Jun Won Lee, Byung In Lee, Sung Eun Kim, Kyong Jin Shin, Jin Se Park, Kang Min Park, Si Eun Kim, Seong ho Park, Sam Yeol Ha. Development of a Predictive Scale for Cardioembolic Stroke Using Extracted Thrombi and Angiographic Findings. JOURNAL OF CLINICAL NEUROSCIENCE 2020;73: 224~230

2) Ching Soong Khoo, Si Eun Kim, Byung In Lee, Kyong Jin Shin, Sam Yeol Ha, Jin Se Park, Kang Min Park, Soo young Bae, Dongah Lee, Byung Joon Kim, Min jeong Bae, Sung Eun Kim. Characteristics of Perfusion Computed Tomography Imaging in Patients with Seizures Mimicking Acute Stroke. EUROPEAN NEUROLOGY 2020;83: 56~64

3) Jin se Park, Kang Min Park, Geun yeol Jo, Hyun gon Lee, Byeong Sam Choi, Kyoung Jin Shin, Sam yeol Ha, Seong ho Park, Ho joon Lee and Hae Yu Kim. An investigation of thalamic nuclei volumes and the intrinsic thalamic structural network based on motor subtype in drug naive patients with Parkinson's disease. PARKINSONISM & RELATED DISORDERS 2020;81: 165~172

4) Eunyong Han, Jinse Park, Haeyu Kim, Geunyeol Jo, Hwan-Kwon Do, Byung In Lee. Cognitive intervention with musical stimuli using digital devices on mild cognitive impairment. Healthcare 2020;8: 45(1)~45(13)

5) Satyabrata Aich, Jinyoung Youn, Sabyasachi Chakraborty, Pyari Mohan Pradhan, Jin-han Park, Seongho Park, and Jinse Park. A Supervised Machine Learning Approach to Detect the On/Off State in Parkinson's Disease using Wearable based Gait Signals. Diagnostics 2020;10: 421(1)~421(18)

6) Jinse Park, Seong Beom Koh, Kyum Yil Kwon, Sang Jin Kim, Jae Woo Kim, Joong Seok Kim, Kun Woo Park, Jong Sam Paik, Young H Sohn, Jin Young Ahn, Eungseok Oh, Jinyoung Youn, Ji Young Lee, Phil Hyu Lee, Wooyoung Jang, Han Joon Kim, Beom Seok Jeon, Sun Ju Chung, Jin Whan Cho, Sang Myung Cheon, Suk Yun Kang, Mee Young Park, Seongho Park, Young Eun Huh, Seok Jae Kang, Hee Tae Kim. Validation Study of the Official Korean Version of the Movement Disorder Society-Unified Parkinson's Disease Rating Scale. Journal of Clinical Neurology 2020;16: 633~645

- 7) Jinse Park, Hojin Choi, Jea Won Jang, Jae Sung Lim, Young Soon Yang, Chan Nyoung Lee, Kee Hyung Park. Validation of a new screening tool for dementia: the Simple Observation Checklist for -Activities of Daily Living. *Journal of Clinical Neurology* 2021;17: 107~112
- 8) Ho-Joon Lee, Kang Min Park. Intrinsic hippocampal and thalamic networks in temporal lobe epilepsy with hippocampal sclerosis according to drug response. *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY* 2020;76: 32~38
- 9) Ching Song Khoo, Kang Min Park, Dongah Lee, Byung In Lee, Sung Eun Kim. A case of a rude but not to be missed manifestation of epilepsy: ictal swearing. *The Journal of the Royal College of Physicians of Edinburgh* 2020;50: 46~48
- 10) Kang Min Park, Kyoo Ho Cho, Ho-Joon Lee, Kyoung Heo, Byung In Lee. Predicting the antiepileptic drug response by brain connectivity in newly diagnosed focal epilepsy. *JOURNAL OF NEUROLOGY* 2020;267: 1179~1187
- 11) Ho-Joon Lee, Sol A Seo, Byung In Lee, Sung Eun Kim, Kang Min Park. Thalamic nuclei volumes and network in juvenile myoclonic epilepsy. *ACTA NEUROLOGICA SCANDINAVICA* 2020;141: 271~278
- 12) Byung Joon Kim, Kang Min Park. Isolated abducens nerve palsy due to internal carotid artery aneurysm. *대한임상신경생리학회(annals of clinical neurophysiology)* 2020;22: 46~47
- 13) Dong Ah Lee, Kang Min Park. A case of retinopathy with antirecover in antibody preceding the diagnosis of cancer. *대한임상신경생리학회(annals of clinical neurophysiology)* 2020;22: 48~49
- 14) Bong Soo Park, Il Hwan Kim, Kang Min Park. Top 100 Cited Articles on Sleep Medicine: A Bibliometric Analysis. *EUROPEAN NEUROLOGY* 2020;83(1): 111~120
- 15) Hye-Kyung Shim, Ho-Joon Lee, Sung Eun Kim, Byung In Lee, Seongho Park, Kang Min Park. Alterations in the metabolic networks of temporal lobe epilepsy patients: A graph theoretical analysis using FDG-PET. *NeuroImage-Clinical* 2020;27: 102349
- 16) Bong Soo Park, Si Eun Kim, Ho-Joon Lee, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Si Hyung Park, Yoo Jin Lee, Sol A Seo, and Kang Min Park. Alterations in Structural and Functional Connectivities in Patients with End-Stage Renal Disease. *Journal of Clinical Neurology* 2020;16: 390~400
- 17) Bong Soo Park, Hae Won Lee, Yoo Jin Lee, Sihyung Park, Yang Wook Kim, Si Eun Kim, Il Hwan Kim, Jin Han Park, Kang Min Park. Serum S100B represents a biomarker for cognitive impairment in patients. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020AUG;195: 105902
- 18) Bong Soo Park, Myungjun Seong, Junghae Ko, Si Hyung Park, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Yoo Jin Lee, Seongho Park, Kang Min Park. Differences of connectivity between ESRD patients with PD and HD. *Brain and Behavior* 2020AUG;10(8): e01708~(10)
- 19) Kang Min Park, Kyung Ran Jun, Ho-Joon Lee, Seongho Park, Sung Eun Kim. Unilateral diffuse white matter involvement in a patient with atypical FMR1 mutation. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020;197: 106182~(3)

- 20) Bong Soo Park, Dongah Lee, Seongho Park, Kang Min Park. Which articles have highly impacted research on genetic generalized epilepsy?. *Annals of Clinical Neurophysiology* 2020;22: 92~103
- 21) Byung Joon Kim, Kang Min Park. What is chronic lymphocytic inflammation with pontine perivascular enhancement responsive to steroids?. *Annals of Clinical Neurophysiology* 2020;22: 129~130
- 22) Jiyoung Kim, Won Gu Lee, Seongho Park, Kang Min Park. Can we predict drug response by functional connectivity in patients with juvenile myoclonic epilepsy?. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020;198: 106119
- 23) Dong Ah Lee, Byung Joon Kim, Ho-Joon Lee, Sung Eun Kim, Kang Min Park. Network characteristics of genetic generalized epilepsy: Are the syndromes distinct?. *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY* 2020;82: 91~98
- 24) Yoo Jin Lee, Bong Soo Park, Jin Han Park, Kang Min Park, Il Hwan Kim, Junghae Ko, Sihyung Park, Yang Wook Kim. Top 100 Cited Articles on Peritoneal Dialysis: A Bibliometric Analysis. *The Open Urology & Nephrology Journal* 2020;2020: 39~47
- 25) Kang Min Park, Seongho Park, Dong Ah Lee, Ho-Joon Lee, Sung Eun Kim. Longitudinal analysis of structural connectivity in patients with newly diagnosed focal epilepsy of unknown origin. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020;199: 106264~6
- 26) Soo Hyun Cho, Yeong Sim Choe, Young Ju Kim, Hee Jin Kim, Hyemin Jang, Yeshin Kim, Si Eun Kim, Seung Joo Kim, Jun Pyo Kim, Young Hee Jung, Byeong C Kim, Samuel N Lockhart, Gill Farrar, Duk L Na, Seung Hwan Moon, Sang Won Seo. Head-to-Head Comparison of 18F-Florbetaben and 18F-Flutemetamol in the Cortical and Striatal Regions. *JOURNAL OF ALZHEIMERS DISEASE* 2020;76: 281~290
- 27) Soo Hyun Cho, Yeong Sim Choe, Hee Jin Kim, Hyemin Jang, Yeshin Kim, Si Eun Kim, Seung Joo Kim, Jun Pyo Kim, Young Hee Jung, Byeong C Kim, Suzanne L Baker, Samuel N Lockhart, Duk L Na, Seongbeom Park, Sang Won Seo. A new Centiloid method for 18F-florbetaben and 18F-flutemetamol PET without conversion to PiB. *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING* 2020;47: 1938~1948
- 28) Seung Joo Kim, Dong Kyun Lee, Young Kyoung Jang, Hye min Jang, Si Eun Kim, Soo Hyun Cho, Jun Pyo Kim, Young Hee Jung, Eun Joo Kim, Duk L Na, Jong Min Lee, Sang Won Seo, Hee Jin Kim. The Effects of Longitudinal White Matter Hyperintensity Change on Cognitive Decline and Cortical Thinning over Three Years. *Journal of Clinical Medicine* 2020;9: 2663(1)~(12)
- 29) Ko Woon Kim, Sook Young Woo, Seonwoo Kim, Hyemin Jang, Yeshin Kim, Soo Hyun Cho, Si Eun Kim, Seung Joo Kim, Byoung-Soo Shin, Hee Jin Kim, Duk L. Na & Sang Won Seo. Disease progression modeling of Alzheimer's disease according to education level. *Scientific Reports* 2020;10: 16808(1)~(9)
- 30) Soo Hyun Cho, Sookyoung Woo, Changsoo Kim, Hee Jin Kim, Hyemin Jang, Byeong C. Kim, Si Eun Kim, Seung Joo Kim, Jun Pyo Kim, Young Hee Jung, Samuel Lockhart, Rik Ossenkoppele, Susan Landau, Duk L. Na, Michael Weiner, Seonwoo Kim & Sang Won Seo. Disease progression modelling from preclinical Alzheimer's disease (AD) to AD dementia. *Scientific Reports* 2021;11: 4168(1)~(10)
- 31) Si Eun Kim, Byungju Lee, Hyemin Jang, Juhee Chin, Ching Soong Khoo, Yeong Sim Choe, Ji Sun Kim,

Sung Hoon Kang, Hang-Rai Kim, Song Hwangbo, Jee Hyang Jeong, Soo Jin Yoon, Kyung Won Park, Eun-Joo Kim, Bora Yoon, Jae-Won Jang, Jin Yong Hong, Duk L. Na, Sang Won Seo, Seong Hye Choi & Hee Jin Kim. Cognitive trajectories of patients with focal β -amyloid deposition. *Alzheimers Research & Therapy* 2021;13: 48(1)~(9)

32) Yeoung Deok Seo, Seongho Park. Ocular Flutter in Hyperosmolar Hyperglycemic State during Treatment of Malignant Cerebral Edema. *J Korean Neurol Assoc* 2020;38(4): 293-297

가정의학과 (Family medicine)

1) Sunmi Yoo, Myung-Whun Sung, Hongdae Kim. CT-defined visceral adipose tissue thresholds for identifying metabolic complications: a cross-sectional study in the United Arab Emirates. *BMJ Open* 2020;10: e031181~(7)

2) Jihye Kwon, Hyunji Kim, Hyeon Kim, Sunmi Yoo, Seung Guk Park. Effect of Increasing Tobacco Prices on Stages of Smoking Cessation: A Korean Nationwide Data Analysis. *Korean Journal of Family Medicine* 2021;42: 17~23

진단검사의학과 (Laboratory Medicine)

1) 정우영 · 이선주 · 김혜란 · 전경란. Characteristics of Interstitial Deletion in Chromosome 4q Confirmed by Array Comparative Genomic Hybridization: A Case Report and Literature Review. *Laboratory Medicine Online* 2020;10: 169~174

2) Shin ae Yu Hae Jung Bae So Jung Choi Kyung Ran Jun. Identification of a novel HLA*05 variant allele, HLA*05:247 by next-generation sequencing. *HLA* 2020;96: 242~243

3) Kyung Ran Jun, Kang Min Park, Ho Joon Lee, Seong ho Park, Sung Eun Kim. Unilateral diffuse white matter involvement in a patient with atypical FMR1 mutation. *CLINICAL NEUROLOGY AND NEUROSURGERY* 2020;197: 106182~(3)

4) 송새암, 오승환, 유신애, 전경란, 이정녀. Rh 항원 부적합 적혈구 수혈에 의한 동종면역 발생의 확인. *대한수혈학회지* 2020;31: 247~253

5) Dong Won Yoo, Kyung Ran Jun, Jin Hyeon Lee, Weon Joo Hwang, Sun Min Lee, Hyung Hoi Kim, Soo Young Moon. False decrease in serum triglyceride and cholesterol due to massive ascorbate in a bowel preparation solution. *CLINICAL CHEMISTRY AND LABORATORY MEDICINE* 2021;59: 121~124

6) Hye Ran Kim, Jae Gyun Shin, Sae Am Song, Ja Young Lee, Seung Hwan Oh. A novel A allele with c.467C > T and c.784G > A nucleotide substitutions in Korean individuals. *TRANSFUSION* 2020;60: 9~10

7) Shin ae Yu, Hee Jae Huh, Kyo Won Lee, Jae Berm Park, Sung Joo Kim, Woo seong Huh, Hye Ryoun Jang, Ghee Young Kwon, Hyung Hwan Moon, Eun Suk Kang. Pre-Transplant Angiotensin II Type 1 Receptor Antibodies and Anti-Endothelial Cell Antibodies Predict Graft Function and Allograft Rejection in a Low-Risk Kidney Transplantation Setting. *Annals of Laboratory Medicine* 2020;40: 398~408

영상의학과 (Radiology)

- 1) 박종권, 정원범, 윤정희. Distribution Pattern of Atherosclerosis in the Abdomen and Lower Extremities and Its Association with Clinical and Hematological Factors. *Vascular Health and Risk Managem* 2021;17: 13~21
- 2) Doo Ho Lim, Min Wook So, Yeon Mee Kim, Ji Hwa Ryu, Jae Ha Lee, Chan Sun Park, Seong Ho Kim, Sung gun Lee. Clinically amyopathic dermatomyositis presenting with isolated facial edema complicated by acute respiratory failure: a case report. *BMC MUSCULOSKELETAL DISORDERS* 2021;22: 117(1)~117(7)
- 3) Suk Jung Kim and Young Mi Park. Breast cancer in elderly Korean women:clinicopathological and biological features. *Breast Disease* 2020;39: 71~83
- 4) Suk Jung Kim, Hyun Kyung Jung, Boo Kyung Han, Jin Hwa Lee, Kyung Seung Oh, Jung Sun Lee, Yedaun Lee. Relationship Between Breast Ultrasound Background Echotexture and Magnetic Resonance Imaging Background Parenchymal Enhancement and the Effect of Hormonal Status Thereon. *Ultrasound Quarterly* 2020;36: 179~191
- 5) Hyun Kyung Jung, Suk Jung Kim, Woog yeong Kim, Yun Jung Lim, Yedaun Lee, Seok Hahn, Ho Joon Lee. Ultrasound Features and Rate of Upgrade to Malignancy in Atypical Apocrine Lesions of the Breast. *JOURNAL OF ULTRASOUND IN MEDICINE* 2020;39: 1517~1524
- 6) Sung Bum Cho, A Leum Lee, Hyuk Won Chang, Kyeong Ah Kim, Won Jong Yoo, Jeong A. Yeom, Myung Ho Rho, Sung Jin Kim, Yun jung Lim, and Miran Han. Prospective Multicenter Study of the Safety of Gadoteridol in 6163 Patients. *JOURNAL OF MAGNETIC RESONANCE IMAGING* 2020;51: 861~868
- 7) Se Heum Park, Woo Jin Kim, Yun Jung Lim, Cheol Won On, Ji Ho Park, Eun Ho Min. Rare Occurrence of Internal Auditory Canal Stenosis Accompanied With Congenital Facial Palsy in a 3-Month-Old Infant: A Case Report. *Annals of Rehabilitation Medicine* 2020;44: 256~259
- 8) Lim Yun jung, Kim Ki hoon. Is Hospital Admission Unnecessary After Successful Reduction in Paediatric Patients with Intussusception?. *Hong Kong Journal of Paediatrics* 2020;25: 211~216
- 9) Ji Hye Hwang, Mi Lim Chung, Yun Jung Lim. Incidence and risk factors of subclinical umbilical catheter-related thrombosis in neonates. *THROMBOSIS RESEARCH* 2020;194: 21~25
- 10) 정현경. Myofibroblastoma of the breast in postmenopausal women:two case reports with imaging findings and review of the literature. *JOURNAL OF CLINICAL ULTRASOUND* 2020;48: 279~282
- 11) 정현경. recurrent primary pleomorphic liposarcoma of the breast: a case report with imaging findings. *Journal of Breast Cancer* 2020;23: 567~573
- 12) Park SH, Cho SH, Choi SH, Jang JK, Kim MJ, Kim SH, et al. MRI assessment of complete response to preoperative chemoradiation therapy for rectal cancer: 2020 guide for practice from the Korean Society of Abdominal Radiology (KSAR). *KOREAN JOURNAL OF RADIOLOGY* 2020;21: 812~828
- 13) Halligan S, Tolan D, Amitai MM, Hoeffel C, Kim SH, et al. ESGAR consensus statement on the imaging of fistula-in-ano and other causes of anal sepsis. *EUROPEAN RADIOLOGY* 2020;31: 4734~4740

- 14) 백태욱, 김승호, 박상준, 박언주. Texture analysis on bi-parametric MRI for evaluation of aggressiveness in patients with prostate cancer. *Abdominal Radiology* 2020;45: 4214~4222
- 15) 박형인, 김승호, 이예다운, 손정희. Comparison of diagnostic performance between diffusion kurtosis imaging parameters and mono-exponential ADC for determination of clinically significant cancer in patients with prostate cancer. *Abdominal Radiology* 2020;45: 4235~4243
- 16) 박언주, 김승호, 박상준, 백태욱. Texture analysis of gray-scale ultrasound images for staging of hepatic fibrosis. *대한영상의학회지* 2021;82: 116~127
- 17) 류경화, 백혜진, 문진일, 최보화, 박성은, 하지영, 전경년, 배경수, 최대섭, 조수범, 이예다운, 허영진. Initial clinical experience of synthetic MRI as a routine neuroimaging protocol in daily practice: A single-center study. *JOURNAL OF NEURORADIOLOGY* 2020;47: 151~160
- 18) 손정희, 이승수, 이예다운, 강보경, 성유섭, 조소라, 유은실. Assessment of liver fibrosis severity using computed tomography-based liver and spleen volumetric indices in patients with chronic liver disease. *EUROPEAN RADIOLOGY* 2020;30: 3486~3496
- 19) 안유라, 윤지석, 이승수, 석혜일, 손정희, 성유섭, 이예다운, 강보경, 김호성. Deep Learning Algorithm for Automated Segmentation and Volume Measurement of the Liver and Spleen Using Portal Venous Phase Computed Tomography Images. *KOREAN JOURNAL OF RADIOLOGY* 2020;21: 987~997
- 20) Salman S. Albakheet, Young Han Lee, Seok Hahn, Ho Taek Song, Jin Suck Suh, Sivaram Kaushik. Accelerated metallic artifact reduction imaging using spectral bin modulation of multiacquisition variable-resonance image combination selective imaging. *MAGNETIC RESONANCE IMAGING* 2020;72: 19~24
- 21) Seok Hahn, Young Han Lee, Hong Seon Lee, Ho Taek Song, Jin Suck Suh. The Utility of Modified Dixon Turbo Spin Echo Shoulder Magnetic Resonance Arthrography in Assessing Rotator Cuff Disorder and Evaluating the Rotator Cuff Muscles. 2021;28: 233~242
- 22) Ho Joon Lee, Kang Min Park. Intrinsic hippocampal and thalamic networks in temporal lobe epilepsy with hippocampal sclerosis according to drug response. *SEIZURE-EUROPEAN JOURNAL OF EPILEPSY* 2020;76: 32~38
- 23) Ho Joon Lee, Sol A Seo, Byung In Lee, Sung Eun Kim, Kang Min Park. Thalamic Nuclei Volumes and Network in Juvenile Myoclonic Epilepsy. *ACTA NEUROLOGICA SCANDINAVICA* 2020;141: 271~278
- 24) Kang Min Park, Kyoo Ho Cho, Ho Joon Lee, Kyoung Heo, Byung In Lee, Sung Eun Kim. Predicting the Antiepileptic Drug Response by Brain Connectivity in Newly Diagnosed Focal Epilepsy. *JOURNAL OF NEUROLOGY* 2020;267: 1179~1187
- 25) Jae Eun Song, Jae wook Shin, Hong pyo Lee, Ho Joon Lee, Won Jin Moon, Dong Hyun Kim. Blind Source Separation for Myelin Water Fraction Mapping Using Multi-Echo Gradient Echo Imaging. *IEEE TRANSACTIONS ON MEDICAL IMAGING* 2020;39: 2235~2245
- 26) Hye Kyung Shim, Ho Joon Lee, Sung Eun Kim, Byung In Lee, Seong ho Park, Kang Min Park. Alterations in the metabolic networks of temporal lobe epilepsy patients: A. *NeuroImage-Clinical* 2020;27: 102349~(7)

27) Bong Soo Park, Si Eun Kim, Ho Joon Lee, Yang Wook Kim, Il Hwan Kim, Jin Han Park, Si Hyung Park, Yoo Jin Lee, Sol A Seo, Kang Min Park. Alterations in Structural and Functional Connectivities in Patients with End-Stage Renal Disease. 2020;16: 390~400

28) Author links open overlay panel Kang Min Park, Kyung Ran Jun, Ho Joon Lee, Seong ho Park, Sung Eun Kim. Unilateral diffuse white matter involvement in a patient with atypical FMR1 mutation. CLINICAL NEUROLOGY AND NEUROSURGERY 2020;197: 106182~(3)

29) Kang Min Park, Seong ho Park, Dong Ah Lee, Ho Joon Lee, Sung Eun Kim. Longitudinal analysis of structural connectivity in patients with newly diagnosed focal epilepsy of unknown origin. 2020;199: 106264~(6)

30) Yeonah Kang. Prognostic Value of Dynamic Contrast-Enhanced MRI-Derived Pharmacokinetic Variables in Glioblastoma Patients: Analysis of Contrast-Enhancing Lesions and Non-Enhancing T2 High-Signal Intensity Lesions. KOREAN JOURNAL OF RADIOLOGY 2020;21: 706~716

31) Yeonah Kang. CT and MR imaging findings of ocular adnexal mucosaassociated. International Journal of Ophthalmology 2020;13: 1231~1237

마취통증의학과 (Anesthesiology and pain medicine)

1) 김세훈, 고명진, 이나경, 김용한, 이상은, 오대석. Sudden onset of ventricular bigeminy just before induction. Rawal medical journal 2020;45: 497~499

2) Ki Hwa Lee, Soo Jee Lee, Jae Hong Park, Se Hun Kim, Hyun seong Lee, Dae Seok Oh, Yong Han Kim, Yei Heum Park, Hyo joong Kim, Sang Eun Lee. Analgesia for spinal anesthesia positioning in elderly patients with proximal femoral fractures: Dexmedetomidine-ketamine versus dexmedetomidine-fentanyl. MEDICINE 2020;99: e20001~(8)

3) Jae Hong Park, Sang Eun Lee, Eun su Kang, Yei Heum Park, Hyun Seong Lee, Soo Jee Lee, Dongju Shin, Gyu Jeong Noh, Il Hyun Lee, Ki Hwa Lee. Effect of depth of anesthesia on the phase lag entropy in patients undergoing general anesthesia by propofol. MEDICINE 2020;99: e21303~7

4) Byeong cheol Lee, Sang Eun Lee, Yong Han Kim, Jae Hong Park, Ki Hwa Lee, Eunsu Kang, Sehun Kim, Jaehwan Kim, Dae seok Oh. Evaluation of Contrast Flow Patterns with Cervical Interlaminar Epidural Injection: Comparison of Midline and Paramedian Approaches. Medicina-Lithuania 2021; 57: 8(1)~8(10)

5) Lee B, Lee SE, Kim YH, Park JH, Lee KH, Kang E, Kim S, Lee N, Oh D. Severe Atrophy of the Ipsilateral Psoas Muscle Associated with Hip Osteoarthritis and Spinal Stenosis A Case Report. Medicina-Lithuania 2021;57: 73(1)~(6)

6) Eun su Kang, Byeong Cheol Lee, Jae Hong Park, Sang Eun Lee, Se Hun Kim, Dae seok Oh, Dae Yun Choi, Myoung Jin Ko. The Relationship between the Timing of Sugammadex Administration and the Upper Airway Obstruction during Awakening from Anesthesia: A Retrospective Study. Medicina-Lithuania 2021;57: 88(1)~88(9)

- 7) 김용한. comment on "comparison of thiopental sodium and lidocaine to prevent the pain associated with propofol injection". Pakistan journal of medical and health sciences 2020:14: 716~716
- 8) Myoung Jin Ko, Hyo joong Kim, Hyun seong Lee, Soo Jee Lee, Yei Heum Park, Jin young Bang, Ki Hwa Lee. Effect of phenylephrine infusion on hypotension induced by the beach chair position. MEDICINE 2020:99: e21303~(7)
- 9) 신익범, 구도훈, 고명진, 김세훈, 배동식. A prospective, randomized controlled study of the safety and efficacy of gasless bilateral axillo-breast approach (BABA) robotic thyroidectomy. SURGICAL ENDOSCOPY AND OTHER INTERVENTIONAL TECHNIQUES 2020:34: 4846~4856
- 10) Sung Yong Hong, Se Hun Kim, Ki Hoon Kim. Blunt Isolated Small Bowel Perforation Intervention: Does a Delay in Management Matter?. Emergency Medicine International 2020:2020: 7478485~(8)
- 11) Yei Heum Park, Se Hun Kim, Soo Jee Lee, Ji hyun Yang, Hyo joong Kim. Fiberoptic intubation in patients who have had unilateral radical maxillectomy-a case report. Rawal Medical journal 2020:45: 990~993
- 12) Junyong In, Hyun Kang, Jong Hae Kim, Tae Kyun Kim, Eun Jin Ahn, Dong Kyu Lee, Sangseok Lee, Jae Hong Park. Tips for troublesome sample-size calculation. Korean Journal of Anesthesiology 2020:73(2): 114~120

직업환경의학과 (Occupational and Environmental Medicine)

- 1) Tae-Woo Lee, Dae Hwan Kim, Ji Young Ryu. Association between urinary polycyclic aromatic hydrocarbons and hypertension in the Korean population: data from the Second Korean National Environmental Health Survey (2012?2014). Scientific Reports 2020:10: 17142(1)~17142(8)
- 2) Sang Won Moon, Ji Young Ryu, Sung-Jae Lee, Sang Won Woo, Sin Hyung Park, Young Choi. The effect of the sagittal plane osteotomy inclination on the posterior tibial slope in medial open wedge HTO: experimental study with a square column model. BMC MUSCULOSKELETAL DISORDERS 2021:22: 89(1)~89(7)

재활의학과 (Rehabilitation Medicine)

- 1) Eunyong Han, Jinse Park, Haeyu Kim, Geunyeol Jo, HwanKwon Do, Byung In Lee. Cognitive Intervention with Musical Stimuli Using Digital Devices on Mild Cognitive Impairment:A Pilot Study. Healthcare 2020:8: 45(1)~45(13)
- 2) Jinse Park, Kang Min Park, Geunyeol Jo, Hyungon Lee, Byeong Sam choi, Kyoung Jin Shin, Samyeol Ha, Seongho Park, Ho-joon Lee, Hae Yu Kim. An investigation of thalamic nuclei volumes and the intrinsic thalamic structural network based on motor subtype in drug naive patients with Parkinson's disease. PARKINSONISM & RELATED DISORDERS 2020:81: 165~172
- 3) Hwan-Kwon Do, Woo-Jin Kim, Geun-Yeol Jo, Ji-Ho Park. Feasibility of segmental bioelectrical impedance analysis for mild- to moderate-degree breast cancer-related lymphedema : correlation with circumferential volume measurement and phase angle. MEDICINE 2021:100: e23722(1)~(8)

- 4) Hee-Eun Choi, Chul Kim, Se-Heum Park. One-year follow-up of heart transplant recipient with cardiac rehabilitation. *MEDICINE* 2020;99: e19874~(5)
- 5) Kim C, Choi HE. The Effect and Safety of Aerobic Interval Training According to Exercise Intensity in Acute Coronary Syndrome. *Journal of Cardiopulmonary Rehabilitation and Prevention* 2020;40: 178~182
- 6) Hee Eun Choi, Sung-Nam Lim, Jae Ha Lee, Se-Heum Park. Comprehensive pulmonary rehabilitation in patients with bronchiolitis obliterans syndrome. *Respiratory Medicine Case Reports* 2020;31: 101161~(3)
- 7) Hee-Eun Choi, Chul Kim, Se-Heum Park, Doo-Il Kim, Ki-Hun Kim, Dong-Kie Kim, Seunghwan Kim, Jino Park. Polymorphic ventricular tachycardia during phase II cardiac rehabilitation in a patient with heart failure: a case report. *Journal of Geriatric Cardiology* 2020;17: 64~66
- 8) Se-Heum Park, Woo-Jin Kim, Yun-Jung Lim, Cheol-Won On, Ji-Ho Park, Eun-Ho Min. Rare Occurrence of Internal Auditory Canal Stenosis Accompanied With Congenital Facial Palsy in a 3-Month-Old Infant: A Case Report. *Annals of Rehabilitation Medicine* 2020;44(3): 256~259
- 9) Se-Heum Park, Woo-Jin Kim, Geun-Yeol Jo, Jun-Koo Kwon. Application of Segmental Phase Angle for Assessment of Post-Stroke Complex Regional Pain Syndrome. *Clinical Pain ISSN* 2020;19: 23~27

핵의학과 (Nuclear Medicine)

- 1) 권성영, 이상우, 공은정, 김근영, 김병일, 김자혜, 김희영, 박설훈, 박지선, 박혜림, 오소원, 원경숙, 류영훈, 윤준기, 이수진, 이종진, 정아리, 정영진, 정주혜, 조영석, 조아더, 천기정, 최은경, 황재필, 배상균. Clinicopathologic risk factors of radioactive iodine therapy based on response assessment in patients with differentiated thyroid cancer: a multicenter retrospective cohort study. *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING* 2020;47: 561~571
- 2) Eun Jeong Lee, Ji Young Kim, Jung Mi Park, Bong Il Song, Hong yoon Choi, Hye kyeong Shim, Hey Lim Park, Ho Young Lee, Kyung Jae Lee, Joon Kee Yoon, Seong ho Seo, Seong Min Kim, Soo Bin Park, Young Seok Cho & Seong Hoon Kim. Computed Tomography (CT) Protocols Associated with Cardiac and Bone Single-Photon Emission Computed Tomography/CT (SPECT/CT) in Korea. *Nuclear Medicine and Molecular Imaging* 2020;54: 139~246
- 3) Hye Kyung Shim, Ho Joon Lee, Sung Eun Kim, Byung In Lee, Seong ho Park, Kang Min Park. Alterations in the metabolic networks of temporal lobe epilepsy patients: A graph theoretical analysis using FDG-PET. *NeuroImage:clinical* 2020;27: 102349~(7)
- 4) Hye kyung Shim, Mi Ra Kim, Hong je Lee. Fluorodeoxyglucose positron emission tomography/computed tomography identifying pericardial metastasis from early?stage p16?positive oropharyngeal cancer. *clinical case reports* 2020;8: 1261~1264
- 5) Joo Yeon Kim, Hye kyung Shim, Mi Ra Kim. A Case of Extranodal Rosai-Dorfman Disease Presenting as an Isolated Mass on the Base of the Tongue in a 57-Year-old Woman. *american journal of case reports* 2020;21: e923401~(6)

6) Ji In Bang,¹ Ho Young Lee, corresponding author², Young Seok Cho³, Hong yoon Choi⁴, Ari Chong⁵, Jae Sun Eo⁶, Ji Young Kim⁷, Tae Sung Kim⁸, Hyun Woo Kwon⁹, Eun Jeong Lee¹⁰, Eun Seong Lee⁶, Hye Lim Park¹¹, Soo Bin Park¹², Hye kyung Shim¹³, Bong Il Song¹⁴, Ik Dong Yoo¹⁵, Kyung Jae Lee², Hong Jae Lee⁴, Su Ha Han¹⁶, Jin Seo Lee¹⁷, Jung Mi Park¹⁸, and Sung Hoon Kim¹⁹. KSNM/KSID/KOSHIC Guidance for Nuclear Medicine Department Against the Coronavirus Disease 2019 (COVID-19) Pandemic. Nuclear Medicine and Molecular Imaging 2020;54: 163~167

성형외과 (Plastic Surgery)

- 1) Cha Soo Kim, Sung Ho Yoon, Jae Wook Oh, Keun Cheol Lee. Epidermoid cyst in temple area with skull perforation. Archives of Craniofacial Surgery 2020;21: 137~140
- 2) Sung Ho Yoon, Cha Soo Kim, Jae Wook Oh, Keun Cheol Lee. Schwannoma on the nasal dorsum and tip with sensory changes. Archives of Craniofacial Surgery 2020;21: 380~383
- 3) Sung Ho Yoon, Cha Soo Kim, Jae Wook Oh, Keun Cheol Lee. optimal harvest and efficient use of septal cartilage in rhinoplasty. Archives of Craniofacial Surgery 2021;22: 11~16

병리과 (Pathology)

- 1) 김보미, 김연미, 진성철, 이진원, 이병인, 김성은, 신경진, 박진세, 박강민, 김시은, 박성호, 하삼열. Development of a predictive scale for cardioembolic stroke using extracted thrombi and angiographic findings. JOURNAL OF CLINICAL NEUROSCIENCE 2020;73: 224~230
- 2) Sunil Jaiman, Roberto Romero, Percy Pacora, Eunjung Jung, Gaurav Bhatti, Lami Yeo, YM kim, B Kim. Disorders of placental villous maturation in fetal death. JOURNAL OF PERINATAL MEDICINE 2020;48: 345~368
- 3) 김자영, 노민혜, 허대영, 김보미, 김영석, 이현경. Celecoxib upregulates ULBP-1 expression in lung cancer cells via the JNK/PI3K signaling pathway and increases susceptibility to natural killer cell cytotoxicity. Oncology Letters 2020;20: 279(1)~279(8)
- 4) Kyung Han Nam, Bo mi Kim. Primary Mature Teratoma of the Rectum: A Case Report. The American journal of case reports 2021;22: e930272-1~(5)
- 5) 이동건, 이진, 김보미, 정수진, 오은혜, 박용은, 박종하, 김태오. 내시경적으로 절제된 신경내분비종양 형태의 직장 신경 다발막종. 대한소화기학회지 2021;77: 84~87
- 6) Ji Yeon Kim. Surgical treatment of micronodular thymoma with lymphoid stroma. respirology case reports 2020;8: e00548~(3)
- 7) Ji Yeon Kim. Unilateral pleuroparenchymal fibroelastosis as a rare form of idiopathic interstitial pneumonia. World Journal of Clinical Cases 2020;8: 4186~4192

- 8) Woo Gyeong Kim, Margaret C. Cummings, Sunil R. Lakhani. Pitfalls and controversies in pathology impacting breast cancer management. *Expert Review of Anticancer Therapy* 2020;20: 205~219
- 9) Hyun K. Jung, Jung H. Son, Woo G. Kim. Myofibroblastoma of the breast in postmenopausal women: Two case reports with imaging findings and review of the literature. *JOURNAL OF CLINICAL ULTRASOUND* 2020;48: 279~282
- 10) Hyun Kyung Jung, Suk Jung Kim, Woo gyeong Kim, Yun Jung Lim, Yedaun Lee, Seok Hahn, Ho Joon Lee. Ultrasound Features and Rate of Upgrade to Malignancy in Atypical Apocrine Lesions of the Breast. *JOURNAL OF ULTRASOUND IN MEDICINE* 2020;39: 1517~1524
- 11) Soo Youn Cho, So Yeon Park, Young Kyung Bae, Jee Yeon Kim, Eun Kyung Kim, Woo Gyeong Kim, Young mee Kwon, Ahwon Lee, Hee Jin Lee, Ji Shin Lee, Jee Young Park, Gyung yub Gong, Hye Kyoung Yoon. Standardized pathology report for breast cancer. *Journal of Pathology and Translational Medicine* 2021;55: 1~15
- 12) Hee Soo Jung, Jin Lee, Kyung Han Nam, Su Jin Jeong, Eun Hye Oh, Yong Eun Park, Jong ha Park, Tae Oh Kim. Gastric Adenocarcinoma Arising from Heterotopic Pancreas Presenting as Gastric Outlet Obstruction 10 Years after the First Diagnosis. *대한소화기학회지* 2020;76: 37~41
- 13) Jin Lee, Yong Eun Park, Joon Hyuk Choi, Nae Yun Heo, Jong ha Park, Seung Ha Park, Young Soo Moon, Kyung Han Nam, Tae Oh Kim. Comparison between cap-assisted and ligation-assisted endoscopic mucosal resection for rectal neuroendocrine tumors. *Annals of gastroenterology* 2020;33: 385~390
- 14) Sung Jae Jo, Hyun Kyung Jung, Kyung Han Nam. Recurrent Primary Pleomorphic Liposarcoma of the Breast: A Case Report with Imaging Findings. *Journal of Breast Cancer* 2020;23: 567~573
- 15) Min sung Kwon, Jin Young Bang and Kyung Han Nam. Rapid destruction of shoulder joint by pigmented villonodular synovitis treated by hemiarthroplasty: A case report. *International Journal of Surgery Case Reports* 2020;77: 138~142
- 16) Joo Yeon Kim, Hye Kyung Shim, Mi Ra Kim. A case of extranodal rosai-dorfman disease presenting as an isolated mass on the base of the tongue in a 57-year-old woman. *American journal of case reports* 2020;21: e925817-1~(6)
- 17) Tae Hoon No, Kyeong Min Jo, So Young Jung, Mi Ra Kim, Joo Yeon Kim, Chan Sun Park, Sung min Kym. coxsackievirus A6-induced Hand-Foot-and-Mouth disease mimicking Stevens-Johnson syndrome in an immunocompetent adult. *infection and chemotherapy* 2020;52: E49(1)~(7)
- 18) Doo-Ho Lim, Min Wook So, Yeon Mee Kim, Ji Hwa Ryu, Jae Ha Lee, Chan Sun Park, Seong-Ho Kim, Sunggun Lee. Clinically amyopathic dermatomyositis presenting with isolated facial edema complicated by acute respiratory failure: a case report. *Musculoskeletal Disorders* 2021;22: 117~24

피부과 (Dermatology)

- 1) Seung Pil Ham, Jae Hong Oh, Hee Jae Park, Jong Uk Kim, Ho Young Kim, So Young Jung, Sun Young Choi, Jung Eun Seol, Hyo jin Kim, Myoung Shin Kim, Un Ha Lee, Mira Choi, Hai Jin Park. Validity of

diagnostic codes for identification of psoriasis patients in korea. *Annals of Dermatology* 2020;32: 115~121

2) 박소희, 박인호, 황성환, 정소영, 왕한영, 김효진, 김종욱, 설정은. A prospective study about application of adapalene-benzoyl peroxide-MLE fixed dose combination gel for the treatment of disease in patients with acne vulgaris. *대한피부과학회지* 2020;58: 382~388

3) TH No, KM Jo, SY Jung, MR Kim, JY Kim, CS Park, SM Kym. Coxsackievirus A6-induced hand-foot-and mouth disease mimicking stevens-johnson syndrome in an immunocompetent adult. *infection and chemotherapy* 2020;52: 634~640

<참고> 각 과별 영문 표기 일람표

약어	과별	영어(English)
MED	내과	Internal Medicine
CVC	심장혈관센터	Cardiovascular Center
DMC	당뇨병·SO분비센터	Diabetes Mellitus & Endocrinology Center
GMC	노인병센터	Geriatric Center
ICC	인당암센터	Indang Cancer Center
PED	소아청소년과	Pediatrics
NPD	정신건강의학과	Neuro Psychiatry
NMD	신경과	Neurology
DER	피부과	Dematology
GSR	외과	General Surgery
CST	흉부외과	Thoracic Surgery
PSR	성형외과	Plastic Surgery
OSD	정형외과	Orthopedic Surgery
SCD	척추센터	Spine Center
NSD	신경외과	Neurological Surgery
NRC	노발리스 방사선수술센터	Novalis radiosurgery center
OBD	산부인과	Obstetrics & Gynecology
EYE	안과	Ophthalmology
ENT	이비인후과	Otorhinolaryngology
URO	비뇨의학과	Urology
FMD	가정의학과	Family Medicine
REH	재활의학과	Rehabilitation Medicine
DEN	치과	Dental Service
RAD	영상의학과	Radiology
EMD	응급실	Emergency Room
HPC	건강증진센터	Health Promotion Center
OBC	비만클리닉	Obesity Clinic
SMC	스포츠의학센터	Sports Medical Center
PCR	통증클리닉	Pain Clinic
OTC	장기이식센터	Organ Transplantation center
ROD	방사선종양학과	Radiation Oncology
NBD	신생아	New Born
ANE	마취통증의학과	Anesthesiology
CPD	임상병리과	Clinical Pathology
APD	해부병리과	Anatomy Pathology
HCN	가정간호과	Home care nursing
STC	선별진료클리닉	Screening Treatment Clinic