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# THE 55TH CONGRESS OF THE KOREAN ASSOCIATION OF MAXILLOFACIAL PLASTIC AND RECONSTRUCTIVE SURGEONS

Theme: Digital Innovation in Oral and Maxillofacial Surgery

# Program Book



# 대한악안면성형재건외과학회 제55차 종합학술대회 및 정기총회

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# $C \cdot O \cdot N \cdot T \cdot E \cdot N \cdot T \cdot S$

## 제55차

# 대한악안면성형재건외과학회 종합학술대회 및 정기총회



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## 학술대회장 인사말



청명한 하늘과 알록달록한 단풍으로 인해 깊어가는 가을을 온 몸으로 느끼는, 이 아름다운 계절에 회원 여러분들을 모시고 제55차 대한악안면성형 재건외과 종합학술대회를 개최하게 되어 매우 기쁘게 생각합니다. 더불어 조선대학교 치과대학 구강악안면외과학교실에서 학술대회를 주관. 빛고을 광주에서 개최하게 된 것을 무한한 영광으로 생각합니다.

이번 제55차 종합학술대회는 11월 4일 금요일부터 11월 6일 일요일까지 개최되며, "Digital Innovation in Oral and Maxillofacial Surgery"라는 주제하에 디지털 시대에 맞춰 최근 구강악안면영역에서도 많은 발전을 하고

있는 디지털 진단 및 수술 관련한 특별 강연과 6개 분야의 심포지엄을 통해 국내외 저명한 석학들을 모시고 심도 있는 토론과 강연을 구성할 예정입니다. 더불어, 회원님들의 소중한 임상경험과 연구 자료 들이 9개 토픽의 Oral Presentation과 포스터 세션을 통하여 발표되며, 우수 구연 및 포스터를 선정 하여 연구 의욕을 고취시키고 많은 임상의들이 자유롭게 접할 수 있도록 준비하였습니다.

특히, Special Lecture에는 본 학술대회의 "Digital Innovation" 주제를 중점으로 다양한 분야의 저명한 연사들을 모실 예정입니다. '3D Bio-printing 기술과 이의 의생물학 적용'을 주제로 포스텍 기계공학과 조동우 교수, '헬스케어 분야에서 3D 기술 및 가상 현실 응용' 주제로 조선대학교 정형 외과 문영래 교수, 'Smart 신인류가 이끄는 4차 산업혁명' 주제하에 최재붕 성균관대학교 기계공학부 교수, 'Dictionary Learning for Biomedical Image Analysis' 주제하에 UNIST 정원기 교수들이 흥미로운 주제로 강연을 펼칠 예정입니다.

더불어, 이번 학술대회에는 행사 1일차 오전에는 'Computer-aided Surgery'와 'How to make a segmentation'하는 주제하에 Pre-congress Workshop을 진행하며, 남도의 넉넉함, 멋과 문화를 탐방하고 즐길 수 있는 다양한 프로그램도 준비하고 있습니다. 아무쪼록 이번 학술대회가 우리나라 악안면성형재건외과학 영역의 실질적인 기술 도약과 함께 다양한 학술 분야가 융합하고 창조를 이루는 계기가 되기를 희망합니다.

끝으로, 이 학술대회를 특별히 성원해 주신 오희균 회장님과 국제적인 교류와 학회 준비에 여러 가지로 세심한 배려를 해주신 학회 이사님들, 문성용 조직위원장과 조직위원들에게 심심한 감사를 드립니다. 또한, 힘들고 어려운 환경에서 수련과정을 이수하고 현재의 교실과 대학원, 학회를 받쳐 주신 조선대학교 치과대학 구강악안면외과학 교실원 및 동문 여러분들께 마음으로부터 깊은 감사의 말씀을 올립니다.

감사합니다.

제55차 대한악안면성형재건외과학회 학술대회장 김 수 관

## Welcome Message

It is my great pleasure to welcome everyone, members of the Korean Association of Maxillofacial Plastic and Reconstructive Surgeons, to the 55th Congress of the association in this beautiful season blessed by autumn foliage and clear skies. Furthermore, it is a great honor to hold this congress—organized by the Department of Oral and Maxillofacial Surgery of the College of Dentistry of Chosun University-in the brilliant city of Gwangju.

The 55th Congress will be held from November 4th to 6th—Friday to Sunday—under the theme "Digital Innovation in Oral and Maxillofacial Surgery." A special lecture related to digital diagnoses and surgeries that have recently been largely developing in the oral and maxillofacial field alongside the digital era; symposia in six fields; as well as in-depth debates and lectures will be held during the congress together with invited distinguished Korean and global scholars. In addition, the precious clinical experiences and research materials of our members will be presented during poster sessions and oral presentations on nine topics. Excellent narrations and poster presentations will be selected to boost the morale of members as well as enable free access for many therapists.

In particular, we plan to invite distinguished speakers of various fields for the special lecture, focusing mainly on the congress's theme of "Digital Innovation." Professor Dong-Woo Cho of the Department of Mechanical Engineering of Pohang University of Science and Technology (POSTECH) will give an interesting lecture on "3D Printing Technology and its Biomedical Applications" and Professor Young-Lae Moon of the Department of Orthopaedic Surgery of Chosun University will similarly present a lecture on "VR Elbow Arthroscopy: Basic Surgery Technique, 3 Portals and Anatomy." In addition, Professor Jae-Boong Choi of the Department of Mechanical Engineering of Sungkyungkwan University will talk about the "The 4th Industrial Revolution led by Phono Sapiens" while Professor Won-Ki Jeong of UNIST will discuss "Dictionary learning for biomedical image analysis.

Furthermore, a pre-congress workshop will be held on the morning of the first day of the congress under the themes of "Computer-aided Surgery" and "How to make segmentation." We are equally preparing a number of diverse programs that would allow you to enjoy and explore the beauty, culture, and generosity of Jeollanam-do Province. All in all, it is my hope that the congress would provide an opportunity for various academic fields to converge and create new practical technology in the field of oral and maxillofacial plastic and reconstructive surgeries in Korea.

Lastly, I take this opportunity to particularly extend my gratitude to President Hee-Kyun Oh for his support to the congress; the directors of the association for the meticulous care they have extended in various ways for the preparation of the congress and international exchanges; as well as Head of Organization Committee, Seong-Yong Moon of the Organizing Committee and its members for their devoted work in developing the Department of Oral and Maxillofacial Surgery of the College of Dentistry of Chosun University. In addition, I would like to express my deepest gratitude to the professors and alumni of the department for completing their training and giving their unfailing support to the department, its graduate school, and the association despite the adverse environment.

Chairman, 55th Congress of the Korean Association of Maxillofacial Plastic and Reconstructive Surgeons

Su-Gwan Kim



## 학회장 인사말

존경하는 대한악안면성형재건외과학회 회원 여러분!

단풍이 아름다운 계절을 맞이하여 한 해 동안 저희 학회 회원들의 학문 적인 결실을 정리하고 서로 격려하는 우리 학회의 가을 축제인 제55차 종합 학술대회 및 정기총회를 조선대학교 치과대학 구강악안면외과학교실 주관 으로 광주 김대중 컨벤션센터에서 11월 4일부터 6일까지 개최하게 됨을 기쁘게 생각합니다.

최근에 들어 악안면성형과 재건 치료에 대한 환자들의 요구와 기대가 더욱 증가하고 있습니다. 또한 우리 치료분야와 중첩되고 있는 성형외과, 이번후과, 피부과 등을 포함한 의사협회는 우리의 치료 영역을 제한, 축소시키려고 계속적인 방해와 공격을 해오고 있습니다. 다행스럽게도 지난 7월 21일 대법원에서는 보톡스 치료 소송 건에 대하여 치과의료 범위에 안면의 심미 치료가 포함된다고 선고하는 기쁜 소식이 있었습니다. 이번 승리는 오랜기간 동안 우리 선배님 들과 회원님들이 어려운 여건 속에서도 끊임없는 노력과 숭고한 희생을 하였기에 가능하였다고 자부 합니다만, 한편으로는 앞으로 우리 학회와 회원들은 더 더욱 꾸준한 자기 연마와 학문 정진을 통해 환자에게 최고의 치료를 해줘야 하는 준엄한 책무를 느낍니다.

"Digital Innovation in Oral and Maxillofacial Surgery"이라는 주제로 열리는 이번 학술대회에서는 악안면 기형 환자의 진단 및 치료에 적용되고 있는 Digital Technique에 대해서 다방면으로 조명 하며, 악안면 재건 시 응용하고 있는 tissue engineering 분야, 구순 구개열 및 임프란트 분야에 대 하여 많은 경험과 노하우를 가지고 계시는 국내외 전문가들을 연자로 모시고 실제적인 도움을 줄 수 있는 강의와 미래 전망에 대해서 토론하는 장을 준비하고 있습니다. 이번 학술대회를 통해서 회원 여러분들에게 유익하고, 새로운 아이디어를 얻을 수 있는 계기가 되기를 바랍니다.

성공적인 학술대회가 되도록 준비해 주신 김수관 학술대회장님과 문성용 조직위원장님을 비롯하여 조선대학교 구강악안면외과학 교실원 및 동문 여러분, 그리고 학회 임원 여러분과 전시에 협조해 주신 협력업체 관계자 여러분들께 감사의 말씀을 드립니다. 이번 학술대회에서 훌륭한 강의를 해주 시는 국내·외의 초청 연자 여러분들과 구연과 포스터 발표를 해주시는 회원들께도 깊은 감사를 드립니다. 항상 우리 학회의 발전을 위해서 헌신해 주시는 모든 회원님들께도 경의와 존경을 표합 니다. 아무쪼록 알차게 준비된 학술대회와 정기총회에서 바쁜 진료와 연구의 일상에서 잠시 벗어나서 회원들 간의 우의를 다지고, 악안면성형재건외과학의 최신 지견을 함께 논의하면서 즐겁고 유익한 시간이 되시길 바랍니다.

여러분의 건승과 행복을 기원합니다. 감사합니다.

대한악안면성형재건외과학회 회장 오 희 균

## Welcome Message

Esteemed members of the Korean Association of Maxillofacial Plastic and Reconstructive Surgeons,

I am honored and pleased to welcome you to the 55th Congress and General Assembly of our association, being held at the Kimdaejung Convention Center, Gwangju, Korea, from November 4th to 6th, 2016. Organized by the Department of Oral and Maxillofacial Surgery, College of Dentistry, Chosun University, as the grand autumn festival of our association, we will share the academic achievements.

Recently, the demand and expectations for maxillofacial plastic and reconstructive surgeries have been rapidly growing among patients. In addition, doctors' associations of plastic surgery, otolaryngology, and dermatology, with which our field overlaps, are trying hard to limit and diminish the scope of our treatment, and to continuously disturb and encroach in our field. Fortunately, the Korean Supreme Court ruled on July 21, 2016, during a Botox treatment case, that dental medicine includes aesthetic treatment of the face, which is great news for us. I believe the court ruled as such in our favor thanks to the noble sacrifices and relentless efforts made by our members. At the same time, it means that our association and members should continue honing our skills and devoting our time to academic endeavors to provide the best treatment to our patients.

At this year's congress, being held under the theme of "Digital Innovation in Oral and Maxillofacial Surgery," we will focus on digital techniques that are used to diagnose and treat patients with maxillofacial deformities, from various angles. We have invited distinguished Korean and global experts with abundant knowledge and experience in the fields of tissue engineering, cleft lip and palate, and implant treatments.

I would like to express my gratitude to Congress Chairman, Su-Gwan Kim and Head of Organization Committee, Seong-Yong Moon for having worked hard to successfully hold the congress. In addition, please accept my gratitude to the colleagues of the Department of Oral and Maxillofacial Surgery of Chosun University, executives of the association, and organizations that have cooperated for the exhibition. I also extend my deepest gratitude to the invited Korean and global speakers who will give excellent lectures during the congress, as well as members of our association who will make oral and poster presentations. It is, after all, my hope that the well-prepared congress would provide you the opportunity to enjoy and benefit from bonding with other members and discussing the recent advances in the field of maxillofacial plastic and reconstructive surgical science, away from your busy treatment and research life.

I wish you good health and happiness. Thank you.

President, the Korean Association of Maxillofacial Plastic and Reconstructive Surgeons

Hee-Kyun Oh



## 초 사



안녕하십니까! 박주선 국회 부의장입니다.

오희균 학회장님과 김수관 학술대회장님을 비롯한 대한악안면성형재건외과 학회 회원 여러분! 광주에 오신 것을 환영하며, 2016년도 제55차 종합학술 대회 및 정기총회의 개최를 진심으로 축하드립니다. 또한, 1962년 창립되어 55주년을 맞는 역사 깊은 학회의 뜻 깊은 자리에 참석하게 되어 매우 영광으로 생각합니다.

요즘 "호모 헌드레드(Homo Hundred) 시대"라는 말이 유행한다고 합니다. UN이 2009년에 처음 사용한 이 용어는 100세 삶이 보편화된 시대를 지칭합니다. 그만큼 현대를 살아가는 사람들은 100세 까지 건강을 유지하는 것이 큰 관심사 중 하나입니다.

55년의 긴 역사동안 대한악안면성형재건외과학회는 악안면의 성형과 재건 분야에서 꾸준한 연구와 학술활동으로 악안면 수술분야의 성장과 발전을 견인해 왔습니다. 이를 바탕으로 치의학 발전은 물론 국민의 건강 증진을 위해 힘써왔습니다.

빛고을 광주에서 개최되는 이번 학술대회는 악안면 성형과 재건 분야에서 최근의 학술적 성과를 공유하는 뜻깊은 자리입니다. 오늘의 논의가 모여 대한민국의 악안면 성형과 재건 의술이 재도약하는 기회가 되기를 기대합니다.

결실을 맺는 가을처럼, 학회에 참석하신 학회 회원 여러분들도 풍성한 학술 연구의 열매를 함께 나누고 최신 정보를 얻어가는 귀한 시간이 되기를 기대합니다.

대한악안면성형재건외과학회의 무궁한 발전과 학술대회의 성공적 개최를 기원하며, 제법 쌀쌀한 날씨에 여러분의 건강과 가정의 행복을 기원합니다.

감사합니다.

#### 국회 부의장 박주선

## 축 사

안녕하십니까?

먼저, 제55차 대한악안면성형재건외과학회 종합학술대회 및 정기총회 개최를 축하드립니다. 학회 회원분들의 학문적인 결실을 서로 격려하는 축제의 자리가 이곳 광주에 마련되고, 이렇게 초대를 받아 인사의 말씀까지 올리게 됨을 큰 영광으로 생각합니다.



오늘 이 자리가 벌써 55번째나 될 만큼 역사 깊은 학회라는 것에 놀랐고, 막상 이 자리에 와 보니 이렇게 많은 치과의사 분들이 악안면성형재건외과학이라는 분야에서 활발히 연구하고, 진료하고 있다는 사실에 또 한 번 놀랐습니다. 여기 계신 여러분들의 노력과 업적으로 성형재건이라는 분야에서 우리 나라가 세계적으로 앞선 진료를 할 수 있다고 해도 과언이 아닐 것입니다.

사실 최근 의료영역에 대한 문제로 불미스러운 일들이 일어나고 있는 모습을 보며 국민의 한 사람 으로 걱정과 안타까움을 가지고 있었습니다. 지금까지 특정 의료영역에 대한 마찰이 종종 있어왔지만 결과적으로 융합과 발전은 항상 이루어져 왔다고 생각합니다. 오늘 이 종합학술대회 및 정기총회가 악안면성형재건 분야는 물론 치과계와 더 나아가 의료계 전체가 발전하고 상생할 수 있는 기회가 되었 으면 합니다.

그동안 이번 학술대회 준비를 위해 힘써 오신 김수관 학술대회장님, 그리고 헌신적으로 학회를 이끌어 가고 계시는 오희균 학회장님, 그 외 실무에 참여하신 많은 임원분들 및 협력업체 관계자분들께 감사 드립니다.

다시 한 번 제 55차 대한악안면성형재견외과학회 종합학술대회 및 정기총회의 성공적 개최를 기원 하며 부디 이 자리가 회원분들의 학문과 지식을 넓히고 모두의 미래를 밝힐 수 있는 기회가 되길 바랍 니다. 대한악안면성형재건외과학회와 회원님들의 건승과 행운을 기원합니다.

감사합니다.

국회의원 천정배



## 초 사



빛과 예술의 도시인 우리 광주를 찾아주신 대한악안면성형재건외과학회 회원여러분! 안녕하십니까?

먼저 우리 광주광역시에서 『제55차 대한악안면성형재건외과학회 종합학술 대회 및 정기총회,가 열리게 된 것을 진심으로 축하드리면서 광주까지 귀한 걸음을 하신 회원여러분들을 670여명의 광주광역시치과의사회 회원과 더불어 환영해 마지않습니다.

그리고 귀한 손님맞이와 대회 준비에 애쓰신 대한악안면성형재건외과학회 오희균 회장님과 김수관 학술대회장님을 비롯한 문성용 조직위원장님 그리고 회원여러분! 정말 수고 많으셨습니다.

아울러 오늘 학술대회를 주관하신 조선대학교 치과대학 구강악안면외과학교실을 비롯하여 훌륭한 강의를 펼쳐주실 연자여러분께도 깊은 감사의 말씀을 드립니다.

잘 아시다시피 대한악안면성형재건외과학회는 매년 국내의 훌륭한 연자와 일 년 동안 경험했던 실험 연구 등 최근 외국에서 각광 받는 학자들을 초빙하여 좋은 연제를 가지고 새로운 학문을 접할 수 있는 학술대회를 성대히 개최하는 것으로 알고 있습니다.

이는 오희균 회장님과 회원 여러분께서 최근 증가추세를 보이고 있는 가장 중요한 구강악안면 영역의 악안면성형과 재건치료에 대한 환자들의 요구와 기대가 더욱 증가하고 있어, 이에 대한 회원들의 소중한 임상경험 및 연구자료 발표 등 활발한 학술활동 이외에도 열심히 연구하며 헌신적으로 봉사 하고 나아가 국제학회와의 끊임없는 교류의 결과라고 봅니다.

오늘 치의학 발전을 위한 악안면성형재건외과학에서 많은 발전을 하고 있는 디지털 진단 및 수술을 위해 Digital Innovation in Oral and Maxillofacial Surgery란 주제로 전 과정을 집중적으로 조명해 보는 힉술대회가 열리게 된 것은 매우 시의 적절 할 뿐만 아니라 시사하는 바 참으로 크다고 생각합니다.

그리고 무엇보다도 많은 회원들이 참여하고 연구하면서 치의학과 치과계 발전을 한발 앞당긴 만큼 더 많은 기대에 부응 할 수 있도록 최선을 다해 줄 것이라 믿으며, 우리 치과의사들과 젊은 치과학도 들에게 많은 도움을 주시고 있는 것에 대해 진심으로 감사의 말씀을 드립니다.

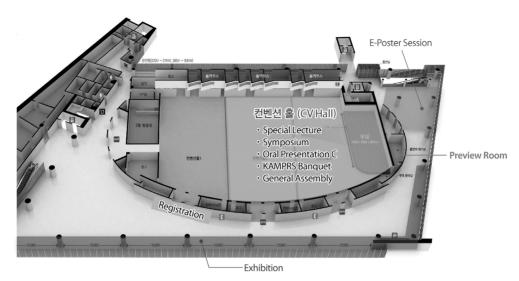
아무쪼록 오늘 민주화 성지이며, 따뜻한 인정미가 넘치는 예향인 빛고을 광주에서 종합학술대회를 개최하게 됨을 마음속 깊이 감사드리며, 종합학술대회가 처음부터 끝까지 유익한 시간 되시고 이 먼 곳 까지 오시느라 수고가 많으신 회원여러분께 다시 한 번 감사를 드립니다.

끝으로, 대한악안면성형재건외과학회의 무궁한 발전과 여기 참석하신 모든 분들에게 희망과 행운이 함께 하시길 빌겠습니다.

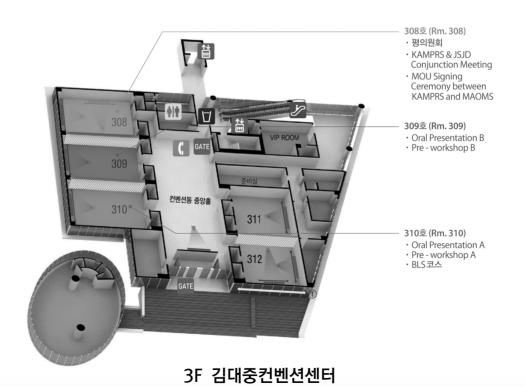
감사합니다.

광주광역시 치과의사회 회장 박 정 열

# 학회장 안내도



4F 김대중컨벤션센터





# 좌장 일람표 (Moderators)

## ► By Program

Date	Room	Time	Program	Moderator		
11.4		15:00~16:20	Carriel Lastone	김선종 (이대목동병원)		
			Special Lecture	김창현 (서울성모병원)		
(Fri)		16:20~18:00	Consider the state of	허종기 (강남세브란스병원)		
			Special Lecture II	이부규 (서울이산병원)		
		09:10~10:30	Symposium I	신상훈 (부산대학교 치과대학)		
	Convention Hall		(Computer Based Education)	김철환 (단국대학교 치과대학)		
		10:50~12:05	Symposium II	오희균 (전남대학교 치과대학)		
			(Computer Based Reconstruction)	김욱규 (부산대학교 치과대학)		
11.5		13:30~14:40	Symposium III	김종렬 (온종합병원)		
(Sat)			(Orthognathic Surgery)	권대근 (경북대학교 치과대학)		
		14:50~16:10	Panel Discussion	박재억 (가톨릭대학교 서울성모병원)		
			(Querries about orthognathic surgery)	전주홍 (서울이산병원)		
		16:20~17:30	Symposium IV	김경욱 (백제종합병원)		
			(Implant)	이정근 (아주대학교 병원)		
11.6 (Sun)		09:00~10:30	Symposium V	박상준 (부산백병원)		
			(Aesthetic Surgery)	고승오 (전북대학교 치과대학)		
		10:50 11:50	Symposium VI	최동주 (강동성심병원)		
		10:50~11:50	(Cleft)	성일용 (울산대병원 치과)		

# 일반연제 구연발표 (Oral Presentation)

Date	Room	Time	Program	Moderator		
	Rm.310	13:30~14:40	Oral Presentation 1	국민석 (전남대학교 치과대학)		
			(Orthognathic Surgery 1)	황대석 (부산대학교 치과대학)		
11.4	Rm.309		Oral Presentation 2	김진욱 (경북대학교 치과대학)		
(Fri)			(Trauma / TMJ / Dentoalveolar Surgery)	이지호 (서울아산병원)		
	CV Hall		Oral Presentation 3	팽준영 (경북대학교 치과대학)		
			(Tumor)	김성곤 (강릉원주대 치과대학)		
	Rm.310	08:00~09:00	Oral Presentation 4	변준호 (경상의대병원)		
			(Orthognathic Surgery 2)	이재열 (부산대학교 치과대학)		
11.5 (Sat)	Rm.309		Oral Presentation 5	김현민 (가천대 길병원)		
			(Implant)	송승일 (아주대병원)		
	CV Hall		Oral Presentation 6 (Esthetic Surgery)	남 웅 (연세대학교 치과대학)		
				전상호 (고려대안암병원)		
	Rm.310	08:00~09:00	Oral Presentation 7	오지수 (조선대학교 치과대학)		
			(Orthognathic Surgery 3)	이의석 (고대구로병원)		
11.6 (Sun)	Rm.309		Oral Presentation 8	정휘동 (연세대학교 치과대학)		
			(Tissue Engineering)	이덕원 (강동경희대치과병원)		
	CV Hall		Oral Presentation 10	안강민 (서울이산병원)		
	CV Hall		(Infection / Reconstruction / Tumor)	박홍주 (전남대학교 치과대학)		

# 포스터 심사위원 명단 (Poster Examiners)

Category	Name (Affiliation)		
Director, Poster Session	문성용 (조선대학교 치과대학)		
	박관수 (상계백병원)		
	최은주 (원광대학교 치과대학)		
Fxaminers	조영철 (울산대학교병원)		
Examiners	유재식 (조선대학교 치과대학)		
	정승원 (분당차병원)		
	박원종 (서울대학교 치과대학)		



# Program at a Glance

	Time / Date		Nov.	4th (Fri)		N	ov. 5th (Sa	at)	Nov. 6th (Sun)			
	08:00-08:30					<b>Oral 4</b> Rm.310	<b>Oral 5</b> Rm.309	Oral 6 CV Hall	<b>Oral 7</b> Rm.310	<b>Oral 8</b> Rm.309	Oral 9 CV Hall	
	08:30-09:00	FI	'Digital I	nnovati	ion	Opening	Ceremony (09:	00-09:10)				
	09:00-09:30		ral and			Symposium I  Computer Based Education (09:10-10:30, CV Hall)		Symposium V <u>Aesthetic Surgeny</u> (09:00-10:30, CV Hall)				
	09:30-10:00	Surgery"				Prof. Masayuki Takano (Tokyo Dental College, Japan) Dr. Young June Kim (KiST, Korea)			· Prof. Ji Yun Choi (Wonkwang Univ., Korea) · Dr. In-Sang Kim (Doctor Be: aesthetic clinic, Korea) · Prof. Jin-Young Choi (Seoul National Univ., Korea)			
A,M	. 10:00-10:30					· Prof. Woo Jung Lee (Yonsei Univ., korea) · by Prof. Yong-Dae Kwon (Kyunghee Univ., Korea						
	10:30-11:00					Coffee	e break (10:30-	10:50)	Coffee break (10:30-10:50)		10:50)	
	11:00-11:30					Symposium II  Computer Based Reconstruction (10:50-12:05, CV Hall)  Prof. Zhi Gang Cai (Peking Univ., China)  Prof. Jong-Ho Lee (Seoul National Univ., Korea)  Prof. Hyoung Jun Kim (Yorsei Univ., Korea)		Symposium VI <u>Cleft</u> (10:50-11:50, CV Hall)  • Prof. Byoung Moo Seo (Seoul National Unix, Korea)  • Prof. Young-Wook Park (Gangneung-Wonju National Unix, Korea)				
	11:30-12:00	R	Pre-Congre uter Aided Sur econstruction Orthognathic	Surgery - Rm	On Course . 308							
	12:00-12:30		g	3 ,		Luncheon Seminar "Botox & Filler" by Dr. Heejin Kim (Yonsei Univ., Korea)		General Assembly & Closing Remarks				
	12:30-13:00											
	13:00-13:30		Regi	stration								
	13:30-14:00								Basic Life Support Provider Course			
	14:00-14:30	Oral 1 Oral 2 Rm.310 Rm.309		Oral 3 CV Hall	Council	Symposium III Orthognathic Surgery (13:30-14:40, CV Hall)		(13:30-18:30, Rm. 309)				
	11001130				Meeting (14:00-15:30,	· Prof. Toshinori Nwai (Yokohama City Univ., Japan) · Prof. Byoung-Eun Yang (Hallym Univ., Korea) · Prof. Young-Soo Jung (Yonsei Univ., Korea)		Oral Presentation Topic				
	14:30-15:00	Coffee break (14:40-15:00) (14:00-15:30, Rm. 308)						1. Orthognathic Surgery (1) 2. Trauma/TMJ/				
P.M.	. 15:00-15:30					Coffee	Coffee break (14:40-14:50)		Dentoalveolar Surgery  3. Tumor			
				l Lecture 5:20, CV Hall)		Pannel Discussion (14:50-16:10, CV Hall)		4. Orthognathic Surgery (2) 5. Implant 6. Esthetic Surgery				
	15:30-16:00			Cho (POSTECH, Kore oon (Chosun Univ., Ko		· Querries about orthognathic surgery : Refinement of surgical technique						
	16:00-16:30					Coffee	Coffee break (16:10-16:20)		7. Orthognathic Surgery (3) 8. Tissue Engineering			
	16:30-17:00		Coffee break	k (16:20-16:4	10)	Symposium IV  Implant (16:20-17:30, CV Hall)  -Prof. Michael Y. CHEN (Taichung China Medical Univ., Taiwan) -Dr. Dearhee Lee (Eecul dental dinic, Korea) -Prof. Kyung-Hwan Kwon (Workwang Univ., Korea)		9. Infection/Reconstruction/Tumor				
	17:00-17:30		(16:40-18	al Lecture 3:00, CV Hall)								
	17:30-18:00		Prof. Jae-Boong Choi • Prof. Won-Ki	(Sungkyunkwan Univ. Jeong ( UNIST, Korea)	, Korea)	Poster Presentation (17:30-)						
	18:30-	KAMF	PRS Banquet (	(18:30-20:00	), CV Hall)							

<sup>\*</sup> This Program is subject to change.

## 등록 및 연제 발표 안내

#### 1. 종합학술대회 참가 등록 안내

- 1) 현장등록은 11월 4일(금) 12:00부터 학술대회장 등록대(김대중컨벤션센터 4층 컨벤션홈 앞)에서 하실 수 있습니다.
- 2) 사전등록을 하신 분은 사전등록 창구에서 명찰(영수증, 일정표 포함), 프로그램 북, 기념품이 배부됩니다.
- 3) 대한악안면성형재건외과학회 신규입회(입회비 및 연회비)나 과년도 연회비를 납부하고자 하시는 회원께서는 등록대의 회원전용창구를 이용해 주십시오. 전공의 1년차 분들은 반드시 입회비를 납부하셔야 합니다.
- 4) 학회 기간 중 반드시 교부된 명찰을 착용해 주시고, 분실 시 등록대에서 재발급 받으시기 바랍니다.

#### 2. 일반연제 구연 및 포스터 발표 안내

#### ◈ 구연 발표(Oral Presentation)

- 1) 일반 구연발표는 약 9분으로 세부적으로는 7분 발표, 2분의 질의응답으로 구성되어 있습니다.
- 2) 슬라이드 매수에는 제한이 없으며, 빔 프로젝트 1대를 이용하여 제한된 시간 내에 발표를 하셔야 합니다.
- 3) 슬라이드 및 기타 발표 자료는 반드시 발표 1시간 전까지 USB 등 저장매체를 이용하여 파일 접수대에 제출하시기 바랍니다.
- 4) 우수 발표자에게는 심사 후 학술상 시상 예정입니다.

#### ◈ E-포스터 발표(E-Poster Presentation)

- 1) E-포스터 운영 기간 : 2016년 11월 4일(금) 13:00 ~ 6일(일) 12:00
- 2) E-포스터 운영 장소 : 컨벤션 홀 Lobby
- 3) E-포스터 사용법 : 포스터 토픽(번호)를 확인 후 해당 번호의 포스터를 담고 있는 노트북을 통하여 포스터를 확인이 가능합니다. 명찰 안에 포함되어 있는 스티커를 포스터 추천 배너, 해당 포스터 번호에 부착하여 추천 가능합니다.
- 4) 포스터 심사는 두 차례 진행될 예정이며, 1차 심사 후 우수 선정자에 한해 포스터 구연 발표 가 진행될 예정입니다.
- 6) 포스터 발표 선정자는 개별 통보할 예정이며, 총 발표 시간은 5분으로 3분 발표, 2분 질의응 답으로 구성되어 있습니다.
- 7) 포스터 발표시간 : 2016년 11월 5일(토) 17:30~
- 8) 우수 발표자에게는 학술상 시상 예정입니다.



#### 3. 일반연제 발표에 대한 심사 및 시상 요강

- 1) 본 학회에서 우수 발표 연제를 선정하여 최우수 논문상 및 우수논문상을 선정할 예정입니다.
- 2) 우수 논문상에 대한 시상은 학술대회 '정기총회'에서 진행이 될 예정입니다.
- 3) 심사 항목은 총 100점 만점으로 논문의 창의성(30), 논리 전개의 합리성(30), 결과의 중요성 (30), 발표능력(10)에 대해 좌장(포스터 심사위원)이 심사합니다

#### 4. 구연 좌장님들에 대한 안내

- 1) 좌장분들께서는 발표 예정 10분 전까지 해당 발표장 좌장석에 입장해 주시기 바랍니다.
- 2) 좌장 벨이나 기타 안내를 통해 발표가 주어진 시간 내에 진행 될 수 있도록 재 주십시오. 발표 시간 : 약 9분(발표 7분, 질의 응답 2분)
- 3) 문의 사항이나 학회장에서 필요한 사항이 있으시면 대기 중인 진행요원에게 문의하시기 바랍 니다.

#### 5. 포스터 심사위원님들에 대한 안내

- 1) 포스터 심사위원은 등록데스크에서 포스터 심사표를 수령 후 1차 심사 결과를 11월 5일(토) 14:00 이전까지 등록대로 제출해 주시기 바랍니다.
- 2) 1차 우수포스터로 선정된 포스터에 한하여 발표가 진행 되며 발표 시간은 11월 5일(토) 17:30부터 포스터당 3분 발표, 2분 질의 응답으로 구성됩니다.

# **General Information**

#### 1. Registration Guideline

- Registration Desk: Convention Hall 4F, Lobby
- Registration Hours: November 4th, 12:00 November 6th, 10:00
- If you have already registered for KAMPRS 2016, please visit pre-registration desk, if not, please visit onsite registration desk. Overseas participants need to pay their registration fee only at the registration desk by cash during the conference period. All participants are requested to wear their name tag during the KAMPRS 2016 period.

#### 2. Instructions For oral Presenter

All presentation will start at the schedule time, so please visit the Presentation File Submitting Desk about 1 hour before your presentation and submit your presentation file in order to prevent unexpected problem. Presentation File Submitting Desk will be located in front of each Oral Presentation Room.

#### ♦ For Poster Presenter

- E-Poster will be set up Convention hall Lorry From Nov. 4 ~ 6
- To see the E-poster, check the Poster order list and find the specific laptop,
- Outstanding poster presentation time will be from November 5th(Sat) 17:30 ~ 18:10. Presenters must stand by their posters during the presentation time. Each poster presenter will have 3 mins for presenting and 2 mins for Q&A



## 주요 일정

#### 1. 평의원회(Council Meeting)

• 일시 : 2016년 11월 4일(금) 14:00

• 장소 : 컨벤션센터 3층 308호

#### 2. 대한악안면성형재건외과인의 밤(KAMPRS Banguet)

• 일시 : 2016년 11월 4일(금) 18:30 • 장소 : 컨벤션센터 4층 컨벤션 홀

#### 3. 정기총회(General Assembly)

• 일시 : 2016년 11월 6일(일) 12:00 ~ 13:00

• 장소 : 컨벤션센터 4층 컨벤션 홀

#### 4. 한 일 합동 이사회 (KAMPRS & JSJD conjunction Meeting)

• 일시 : 2016년 11월 5일(토) 12:10

• 장소 : 컨벤션센터 3층 308호

#### 5. 대한악안면성형재건외과학회 몽골구강악안면외과학회 MOU 체결식

• 일시 : 2016년 11월 5일(토) 09:30 ~ 10:30

• 장소 : 컨벤션센터 3층 308호

#### 6. 전시(Exhibition)

• 일시 : 2016년 11월 4일(금) ~ 6일(일) • 장소 : 컨벤션센터 4층 컨벤션 홀 로비

# Special Meeting & Social Events

#### 1. Council Meeting

- Date & Time: November 4th(Fri) 14:00, 2016
- Venue: Convention center, Room 308, 3F

#### 2. KAMPRS Banquet

- Date & Time: November 4th(Fri) 18:30, 2016
- Venue: Convention center, Convention Hall, 4F

#### 3. General Assembly

- Date & Time: November 6th(Sun) 12:00 ~ 13:00, 2016
- Venue: Convention Hall, 4F

#### 4. KAMPRS & JSJD conjunction Meeting

- Date & Time: November 5th(Sat) 12:10, 2016
- Venue: Convention center, Room 308, 3F

## 5. MOU Signing Ceremony between KAMPRS and MAOMS

- Date & Time: November 5th(Sat) 09:30 ~ 10:30, 2016
- Venue: Convention center, Room 308, 3F

#### 6. Exhibition

- Date & Time: November 4th(Fri) ~ 6th(Sun)
- Venue: Convention center, Convention Hall Lobby, 4F





# 주요 강연 / Main lecture

- - Special lecture
  - Symposium I
  - Symposium II
  - Symposium III
  - Symposium IV
  - Symposium V
  - Symposium VI
  - Luncheon Seminar



## ◆특별강연 Special lecture



2015 2010 ~ Present

Presentation Title

3D Printing Technology and Its Biomedical Applications

조동우 (Prof. Dong-Woo Cho) / POSTECH, Korea

Nov. 4th, 15:00~15:40

Nam-Go Chair Professor, POSTECH

Director, "Center for Rapid Prototyping Based 3D Tissue/Organ Printing"



Presentation Title

Utility of Medical AR & VR

Speaker

문영래 (Prof. Young Lae Moon) / Chosun Univ., Korea

Nov. 4th, 15:40~16:20

Chair of 3D Medical Application Work Group, IEEE-SA (Modelling, Data Management, 3D Printing)



Mar. 2010 ~ Present Mar, 2015 ~ Present

Presentation Title

Phono Sapiens leads the 4<sup>th</sup> industrial revolution : corporation's preparation for 4<sup>th</sup> industrial revolution

최재붕 (Prof. Jae-Boong Choi) / Sungkyunkwan Univ., Korea

Nov. 4th, 16:40~17:20

Professor, Dept. of Mechanical Eng., Sungkyunkwan Univ.

Advisory Professor for SAMSUNG Electronics (SW Center, IoT group) Over 20 years of R&D experience in Convergence Design for Future IT products



Aug 2011 ~ Present

Presentation Title

Dictionary learning for biomedical image analysis

Speaker

정원기 (Prof. Won-Ki Jeong) / UNIST, Korea

Nov. 4th. 17:20~18:00

Associate Professor, School of Electrical and Computer Engineering Ulsan National Institute of Science and Technology Leading High-performance Visual Computing Laboratory(HVCL)

## ◈ 심포지움 I Symposium I



2013 ~ 2016 ~

Presentation Title

How to educate the recent young doctor

Prof. Masayuki Takano / Tokyo Dental College, Japan

Nov. 5th, 09:10~09:30

Professor, Dept. of OMFS, Tokyo Dental College Suidobashi Hospital

Executive board of Japanese Society for Jaw Deformities



Sep. 11 ~ present

Presentation Title

3D medical software techniques and the applications

김영준 (Dr. Younglune Kim) / KIST, Korea

Time

Nov. 5th, 09:30~09:50

Korea Institute of Science and Technology, Seoul, Korea Senior Researcher at Center for Bionics

Adjunct Professor at University of Science and Technology



Presentation Title

Surgical skills trainer and simulator

이우정 (Prof. Woo-Jung Lee) / Yonsei Univ., korea

Time

Nov. 5th. 09:50~10:10

Professor, Department of Surgery, Sincheon Severance Hospital

Yonsei University College of Medicine

Former President of Korean Association of HBP surgery



Presentation Title

Surgical training with a visuohaptic device in OMFS

권용대 (Prof. Yong-Dae Kwon) / Kyunghee Univ., Korea

Time

Nov. 5th, 10:10~10:30

Professor, Dept. of Oral & Maxillofacial Surgery, Kyung Hee University School of Dentistry

2006. 11 ~ Present

ITI Fellow (International Team for Implantology)



## ◈ 심포지움 II Symposium II



#### Presentation Title

Digital surgery techniques used in craniomaxillofacial reconstruction

#### Speaker

Prof. Zhigang Cai / Peking Univ., China

Nov. 5th, 10:50~11:15

Assistant dean of Peking University, School and Hospital of Stomatology Chairman of Chinese AOCMF board; Vice chairman of 3rd Asia Pacific Federation Society Reconstruction and Microsurgery



#### Presentation Title

Computer-based functional and esthetic reconstruction of mandibular anterior arch defect: 3D analysis of airway anatomy in patients with mandibular anterior arch reconstruction:

#### Speaker

이종호 (Prof. Jong-Ho Lee) / Seoul National Univ., Korea

Nov. 5th, 11:15~11:40

2004. 12 ~ Present

Director, Oral Cancer Center, Seoul National University Dental Hospital, Seoul, Korea



#### Presentation Title

Microvascular Free flap transfer in compromised vessel depleted nack

김형준 (Prof. Hyoung Jun Kim) / Yonsei Univ., Korea

#### Time

Nov. 5th, 11:40~12:05

Professor and Chairman in Oral and Maxillofacial Surgery Yonsei University College of Dentistry, Seoul, Korea

Visiting Professor, Technical-University Hospital, Munich, Germany

2013. 9

## ◈ 심포지움 Ⅲ Symposium Ⅲ



2012 ~ Present

#### Presentation Title

Computer assisted surgical simulation and surgery in orthognathic surgery

#### Speaker

Prof. Toshinori Iwai / Yokohama City Univ., Japan

Time

Nov. 5th, 13:30~13:55

Assistant Professor in Oral and Maxillofacial Surgery /Orthodontics, Yokohama City University Hospital, Yokohama, Japan



#### Presentation Title

Customization, 3D Printing Guides and Computer-aided Surgical Simulation for Orthognathic Surgery

#### Speaker

양병은 (Prof. Byoung-Eun Yang) / Hallym Univ., Korea

Nov. 5th, 13:55~14:20

Assoicate Professor, Div. of Oral and Maxillofacial Surgery, Hallym Univ. Hospital



Mar. 2014 ~

#### Presentation Title

Pre and postoperative 3D assessment in orthognathic surgery

정영수 (Prof. Young-Soo Jung) / Yonsei Univ., Korea

#### Time

Nov. 5th, 14:20~14:45

Professor, Dept of Oral & Maxillofacial Surgery, Yonsei University Dental Hospital and College of Dentistry, Yonsei University



#### ◈ 심포지움 IV Symposium IV



2002 ~

Presentation Title

"TENT POLE" GRAFTING for Complicated Alveolar Defects

Speaker

Prof. Michael Yuanchien Chen / Taichung China Medical Univ., Taiwan

Time

Nov. 5th, 16:20~16:45

Chairman, Department of Dentistry,

Taichung China Medical University Hospital. Taiwan.

Chief, Division of Oral and Maxillofacial Surgery,

Taichung China Medical University Hospital. Taichung City, Taiwan.



Presentation Title

The application of rhBMP-2 to implant treatment

이대희 (Dr. Deahee Lee) / Seoul dental clinic, Korea

Time

Nov. 5th, 16:45~17:10

Adjunct Professor, College of Dentistry, Seoul National University

Adjunct Professor, Sanggye Paik Hospital, Seoul

Director of Seoul dental clinic



Presentation Title

Three-Dimensional Prining of rhBMP-2-Loaded LFA Collagen Scaffold with Long Term Delivery for Enhanced Bone Regeneration.

Speaker

권경환 (Prof. Kyung-Hwan Kwon) / Wonkwang Univ., Korea

Time

Nov. 5th, 17:10~17:35

Director of Oral and Maxillofacial surgery Director of Wonkwang dental

hospital

2016 present Member of Korean Academy of maxillofacial Plastic& Reconstructive

Surgery, and Insurance director

## ◈ 심포지움 V Symposium V



Jan. 2014 ~ Present

#### Presentation Title

Management of nasal deformities in Asian: How I do it

최지윤 (Prof. Ji Yun Choi) / Chosun Univ., Korea

Nov. 6th, 09:00~09:30

#### Associate Professor

Department of Otorhinolaryngology

Chosun University College of Medicine, Gwangju, Korea



#### Presentation Title

SMAS facelift techniques with their rationales

김인상 (Dr. In-Sang Kim) / Doctor Be: aesthetic clinic, Korea

#### Time

Nov. 6th, 09:30~10:00

Facial Plastic Surgery, Otolaryngolgoy training at Seoul National University

Clinical Instructor at Seoul National University Hospital Visiting fellow at University of Pittsburgh, Medical Center



#### Presentation Title

Facial Contouring Surgery in conjunction with Orthognathic surgery

최진영 (Prof. Jin-Young Choi) / Seoul National Univ., Korea

#### Time

Nov. 6th, 10:00~10:30

2013. 5. ~ 2013. 6. 2010. 5. ~ 2013. 5. Visiting professor in sleep center in Stanford University Hospital Director in dept. Education and research in Seoul National University



## ◈ 심포지움 VI Symposium VI



Presentation Title

Simultaneous closure of hard palate and cleft lip

서병무 (Prof. Byoung Moo Seo) / Seoul National Univ., Korea

Time

Nov. 6th, 10:50~11:20

Aug. 2013 ~ present

Chairman, Department of Oral and Maxillofacial Surgery Seoul National University School of Dentistry, Seoul National University

Dental Hospital, Seoul, Korea



#### Presentation Title

Surgical Principles in Primary Cheiloplasty for Minimizing Secondary Deformities

#### Speaker

박영욱 (Prof. Young-Wook Park) / Gangneung-Wonju National Univ., Korea

Time

Nov. 6th, 11:20~11:50

2013 ~ Present

Vice President, The Korean Association of Maxillofacial Plastic and Reconstructive Surgeons

2015 ~ Present

Vice President, Korean Cleft Lip and Palate Association

## ◈ 런천세미나 Luncheon Seminar



#### Presentation Title

Clinical anatomy of face for Toxin and Filler Injection: MAXIMIZING the RESULT and SAFETY

#### Speaker

김희진 (Prof. Heejin Kim) / Yonsei Univ., Korea

Time

Nov. 5th. 12:30~13:10

Professor, Division in Anatomy & Developmental Biology Department of Oral Biology, Yonsei University College of Dentistry Director, Brain Korea 21 Plus Project for Interdisciplinary Oral Science Graduate Program, Applied Life Science

#### ♠ Panel Discussion

**Topic** 

"Querries about orthognathic surgery: Refinement of surgical technique"



이백수 (Prof. Baek-Soo Lee) / Kyung-Hee Univ., Korea

ITI Fellow Head of Surgico-Orthodontic Center, Kyung Hee Medical Center Dental Hospital Professor Of Dept. of Oral and Maillofacial Surgery, Kyung Hee Univ. Dental School



Speaker 김용덕 (Prof. Yong-Deok Kim) / Pusan National Univ., Korea

Head of Dept. of Oral and Maxillofacial Surgery, Pusan National University Dental Hospital Director, Institute of Translational Dental Sciences, Pusan National University



Speaker 최영준 (Prof. Young-Jun Choi) / Chung-Ang Univ., Korea

Head Professor, Department of Dentistry, College of Medicine, Chung-Ang University, Seoul, Korea Center Chair, Dental Center, Chung-Ang University Hospital, Seoul, Korea



## Keynote Speakers

Oral Presentation 1 (Orthognathic Surgery 1) 국민석 (Prof. Min-Suk Kook)

Associate Professor, Dept. of Oral and Maxillofacial Surgery Chonnam National University School of Dentistry,

Gwangju, Korea

Oral Presentation 2 (Trauma / TMJ / Dentoalveolar Surgery) 김진욱 (Prof. Jin-Wook Kim)

Associate professor, Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Kyungpook National University, Korea

Oral Presentation 3 (Tumor)

팽준영 (Prof. Jun-Young Paeng)

Assistant professor, Dept. of Oral and Maxillofacial Surgery,

Kyungpook National University Hospital, Korea

Oral Presentation 4 (Orthognathic Surgery 2)

황종민 (Dr. Jong-Min Hwang)

Director, Jaw Surgery Center, Angle Dental Clinic,

Seoul, Korea (Private practice)

Oral Presentation 5 (Implant)

김현민 (Prof. Hyeon-Min Kim)

Clinical Associate Professor of Dept. of Oral & Maxillofacial Surgery,

Gil Hospital, Gachon University, Korea

Oral Presentation 6 (Esthetic Surgery)

남 웅 (Prof. Woong Nam)

Associate Professor, Dept of Oral & Maxillofacial Surgery,

Yonsei University

Hospital and College of Dentistry, Yonsei University, Seoul, Korea

Oral Presentation 7 (Orthognathic Surgery 3)

오지수 (Prof. Ji-Su Oh)

Associate Professor, Dept. of Oral and Maxillofacial Surgery,

School of Dentistry, Chosun University, Korea

Oral Presentation 8 (Tissue Engineering)

정휘동 (Prof. Hwi-Dong Jung)

Assistant Professor, Department of Oral & Maxillofacial Surgery,

Yonsei University, College of Dentistry, Seoul, Korea

Oral Presentation 9 (Infection / Reconstruction

안강민 (Prof. Kang-Min Ahn)

Associate professor of oral and maxillofacial surgery,

Asan medical center, college of medicine, University of Ulsan

/ Tumor)



The 55th Congress of The Korean Association of Maxillofacial Plastic and Reconstructive Surgeons

# 일반연제 구연발표 순서





#### 11월 4일(Fri) Orthognathic Surgery (1) Rm 310

Clinical study for the prediction of mandibular position in Surgery-First 4-A-KS  $(13:30 \sim 13:45)$ Orthognathic Treatment

> Min-Suk Kook, Jung-Hyon Chong, Jeong Joon Han, Seunggon Jung, Hong-Ju Park, Hee-Kyun Oh, Sun-Youl Ryu

Department of Oral and Maxillofacial Surgery, School of Dentistry, Chonnam National University, Gwangju, Korea.

Reliability of Anterior nasal spine and A-point as Skeletal landmark 4-A-1  $(13:45 \sim 13:54)$ to Evaluate of Stability of Le Fort I Surgery, Using 3D analysis

> Seo-Yeon Jung, Jae-Seok Lim, Sung-Hwan Choi, Yong-Bin Lee, Young-Soo Jung, Hwy-Dong Jung

Dept. of Oral & Maxillofacial Surgery, College of Dentistry, Yonsei University, Seoul, Korea

Hard and Soft Tissue Changes in Transverse Mandibular Width after 4-A-2  $(13:54 \sim 14:03)$ Mandibular Setback Surgery Using Intraoral Vertical Ramus Osteotomy : 3D Analysis

> Sung Hwa Lee, DDS, Hye-In Jeong, DDS, Sang Hyun Song, DDS, Yong Bin Lee, DDS, Hwi-Dong Jung, DDS, PhD, Young-Soo Jung, DDS, PhD. Department or Oral and Maxillofacial Surgey, College of Dentistry, Yonsei University, Seoul, Korea

4-A-3 Late Recovery of Condylar Sag after Vertical Ramus Osteotomy  $(14:03 \sim 14:12)$ Eunhee LEE\*, Cheol-Hee JEONG, Myeong-Gyun KIM,

Jae-Young KIM, Kwang-Ho PARK

Department of Oral and Maxillofacial Surgery, Gangnam Severance Hospital, Yonsei University College of Dentistry, Seoul, Korea

4-A-4 The Evaluation of Sino-Nasal Changes after Le Fort I Osteotomy using  $(14:12 \sim 14:21)$ CBCT Images

> Dong Hyun Cho\*, Doo Yeon Hwang, Seung Woo Baeg, Yun Pyo Hong, Seung Il Song\*, Jeong Keun Lee Department of Dentistry, Oral and Maxillofacial surgery, AJOU University School of Medicine

#### 4-A-5 $(14:21 \sim 14:30)$

#### Craniofacial Growth and Structural Changes after Botulinum Toxin Injection into the Masticatory Muscles of Juvenile Monkeys

Kim Hak-Jin<sup>1,2</sup>, Choi Ji Wook<sup>1</sup>, Tak Hye-Jin<sup>3</sup>, Moon Joo-Won<sup>3</sup>, Park Kyeong-Mee<sup>4</sup>, He Jinquan<sup>5</sup>, Piao Zhengguo<sup>5</sup>, Lee Sang-Hwy<sup>1</sup>

<sup>1</sup>Dept. of Oral and Maxillofacial Surgery, Yonsei University, College of Dentistry, Seoul, Korea

<sup>2</sup>Dept. of Oral and Maxillofacial Surgery, Yongin Severance Hospital, Yonsei University, Yongin, Korea

<sup>3</sup>Oral Science Research Center, Yonsei University, College of Dentistry, Seoul, Korea <sup>4</sup>Dept. of Advanced General Dentistry, Yonsei University, College of Dentistry, Seoul, Korea

<sup>5</sup>Dept. of Oral and Maxillofacial Surgery,

Stomatology Hospital of Guangzhou Medical University, Guangzhou, China

#### 4-A-6 $(14:30 \sim 14:39)$

#### The accuracy of computer simulation for orthogoathic surgery

Hui Young Kim, Byoung Moo Seo

Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital

#### 11월 4일(Fri) Trauma, TMJ and Dentoalveolar Surgery Rm 309

#### 4-B-KS $(13:30 \sim 13:45)$

#### Recent trend and surgical management for panfacial fracture

Jin-Wook Kim

Department of oral and maxillofacial surgery, school of dentistry, Kyungpook National University

#### 4-B-1 $(13:45 \sim 13:54)$

#### A comparison of postoperative complications according to treatment of third molars in mandibular angle fracture

Hve-Youn Lim\*, Sang-Jun Park, Tae-Young Jung

Department of Oral and Maxillofacial surgery, Pusan Paik Hospital, Inje University College of Medicine

#### 4-B-2 $(13:54 \sim 14:03)$

#### Study on the outcome of Nam's reduction on mandibular condyle fracture

Tae-Whan Seong\*, Ji-eun Yoon, Jung-won Cho, Jun-bum Lee, Hun-young Kim, Jung-hyun Park, Jin-woo Kim, Sun-Jong Kim

Dept. of Oral and Maxillofacial Surgery, Ewha Womans University Mokdong Hospital

#### 4-B-3 $(14:03 \sim 14:12)$

#### Protrusive Maxillomandibular Fixation for Intracapsular Condyle Fracture

Yeong Kon Jeong\*<sup>1</sup>, Eun Joo Choi<sup>1,2</sup>, Moon Gi Choi<sup>1,2</sup>, Won Jong Park<sup>1,2</sup>, Kyung-Hwan Kwon<sup>1,2</sup>

<sup>1</sup>Department of Oral & Maxillofacial Surgery, College of Dentistry, Wonkwang University

<sup>2</sup>Wonkwang Dental Research Institute



4-B-4 Synovial chondromatosis on Left Temporo-mandibular joint(TMI) : A  $(14:12 \sim 14:21)$ Case Report

> Han-Eol Lee\*, Yong-Chan Ha, Won-Gyo Seo, Moon-Young Kim, Se-Jin Han, Chul-Hwan Kim, Jae-Hoon Lee

Dept. of Oral and maxillofacial surgery, College of Dentistry, Dankook University

Maximum standardized uptake value of F-18 sodium fluoride PET/CT 4-B-5  $(14:21 \sim 14:30)$ for the evaluation of temporomandibular joint disorder

Hyun-Suk Kim\*<sup>1</sup>, Minseok Suh<sup>2</sup>, Won Woo Lee<sup>2</sup>, Young-Kyun Kim<sup>1,3</sup>, Pil-Young Yun<sup>1</sup>

<sup>1</sup>Dept. of Oral and Maxillofacial Surgery, Section of Dentistry,

Seoul National University Bundang Hospital

<sup>2</sup>Dept. of Nuclear Medicine, Seoul National University Bundang Hospital,

Seoul National University College of Medicine

<sup>3</sup>Dept. of Dentistry & Dental Research Institute, School of Dentistry,

Seoul National University

4-B-6 Oral AntiCoagulat and Oral Minor Surgery  $(14:30 \sim 14:39)$ 

SeungWoo Baeg\*, YunPyo Hong, DongHyun Cho, SeungIl Song, JeongKeun Lee

Oral Minor Surgery and Oral AntiCoagulant

#### 11월 4일(Fri) CV Hall **Tumor**

4-C-KS Currenct issues in surgical treatment of oral squamous cell carcinoma  $(13:30 \sim 13:45)$ 

Jun-Young Paeng

Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Kyungpook National University

4-C-1 Case Report: Undifferentiated Pleomorphic Sarcoma in Mandible  $(13:45 \sim 13:54)$ 

Chul-Hong Koo\*, Chan-Woong Moon, Tae-Hwan Kim, Moon-Young Kim, Se-Jin Han, Chul-Hwan Kim, Jae-Hoon Lee

Dept. of Oral and maxillofacial surgery, College of Dentistry, Dankook University

4-C-2 Metastatic renal cell carcinoma to the head and neck: A case report

 $(13:54 \sim 14:03)$ Heon-Young Kim\*, TW sung, JB Lee, JE Yoon, JW Cho, JH park, JW Kim, SJ Kim

> Department of Oral and Maxillofacial surgery, Ewha Womans University Mok-dong Hospital, Seoul, Korea

4-C-3 Spindle Cell Carcinoma of Tongue: A Case Report

 $(14:03 \sim 14:12)$ Woo-Jin Shin\*, Jae-Woo Park, Heung-Chul Park Moon-Young Kim, Se-Jin Han, Chul-Hwan Kim, Jae-Hoon Lee

Dept. of Oral and Maxillofacial surgery, College of Dentistry, Dankook University

4-(-4 Nonsyndromic keratocystic odontogenic tumor  $(14:12 \sim 14:21)$ 

Myoung-Sang You, Kang-Min Ahn

Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center

4-C-5 Surgical treatment of calcifying cystic odontogenic tumor  $(14:21 \sim 14:30)$ 

Dong-Young Kim, Kang-Min Ahn Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center

4-(-6 Survival of oral squamous cell carcinoma

 $(14:30 \sim 14:39)$ Ji-Wan Kim, Kang-Min Ahn

> Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center

#### 11월 5일(Sat) Rm 310 Orthognathic Surgery (2)

Aesthetic considerations in orthognathic surgery 5-A-KS

 $(08:00 \sim 08:15)$ Jong-Min Hwang

Angle OMS Dental Clinic

Soft tissue analysis of midface after Le Fort I osteotomy 5-A-1

 $(08:15 \sim 08:24)$ Hoon Joo Yang<sup>1,2</sup>\*, Soon Jung Hwang<sup>1,2</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, School of Dentistry, Seoul National University

<sup>2</sup>Orthognathic Surgery Center, Seoul National University Dental Hospital

Finite element analysis of the stresses according to the electro-5-A-2  $(08:24 \sim 08:33)$ mechanical distraction device in human mandibular symphysis

> Chan-Woong Moon\*, Chul-Hong Koo, Tae-Hwan Kim, Moon-Young Kim, Se-Jin Han, Chul-Hwan Kim, Jae-Hoon Lee

Dept. Of Oral and maxillofacial surgery, College of Dentistry, Dankook University

5-A-3 Virtual reality for surgical education in oral and maxillofacial surgery  $(08:33 \sim 08:42)$ Seong-Yong Moon

Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Chosun University,

Change of Hyoid and Pharyngeal Airway Volume after Mandibular 5-A-4  $(08:42 \sim 08:51)$ Setback Surgery: 3-Dimensional Analysis

> Hee-Sung Kim, Jae-Seok Lim, Seok-Hwan Hong, Yong-Bin Lee, Young-Soo Jung, Hwi-Dong Jung

Dept. of Oral & Maxillofacial Surgery, College of Dentistry, Yonsei University

5-A-5 Evaluation of soft tissue changes around the mid-facial area after  $(08:51 \sim 09:00)$ POGS using 3D CBCT

Ho-Sung Lee, Hye-Min Cho, Slmaro Park, Yong-Bin Lee,

Hwi-Dong Jung, Young-Soo Jung

Department of Oral and Maxillofacial Surgery, College of Dentistry, Yonsei University, Seoul, Korea



5-A-6  $(09:00 \sim 09:09)$  Advance genioplasty using virtual surgical simulation in the OSA patient : A case report

Byungsoo kim \*, Baek Soo Lee, Yong Dae Kwon, Byung Joon Choi, Joo Young Ohe, Jung Woo Lee

Dept. of Oral & Maxillofacial surgery, Kyung Hee University School of Dentistry

#### 11월 5일(Sat) Rm 309 **Implant**

5-B-KS  $(08:00 \sim 08:15)$ 

Repair of maxillary sinus membrane perforation by resorbable membrane and the evaluation of consequence

Hveon-Min Kim

Dept. of Oral and Maxillofacial Surgery, Gil Medical Center, Gachon University

5-B-1  $(08:15 \sim 08:24)$  Evaluation of healing process of AutoBT impregnated with rhBMP-2

Sang-Yun Kim<sup>1</sup>\*, Young-Kvun Kim<sup>1,2</sup>, Ju-Cheol Park<sup>2,3</sup>, Jeong-Kui Ku<sup>1</sup>, Pil-Young Yun<sup>1</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery,

Seoul National University Bundang Hospital, Seongnam, South Korea

<sup>2</sup>Department of Dentistry & Dental Research Institute, School of Dentistry,

Seoul National University, Seoul, South Korea

<sup>3</sup>Department of Oral Histology, School of Dentistry, Seoul National University, Seoul

5-B-2  $(08:24 \sim 08:33)$  Reconstruction of perforation about large maxillary sinus mucosa using a collagen membrane: Retrospective clinical study

Dong-Woo Kang<sup>1</sup>, Young-Kyun Kim<sup>1,2</sup>, Pil-Young Yun<sup>1</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Section of Dentistry,

Seoul National University Bundang Hospital, Seongnam, Korea

<sup>2</sup>Department of Dentistry & Dental Research Institute, School of Dentistry,

Seoul National University, Seoul, Korea

5-B-3  $(08:33 \sim 08:42)$  The Prognosis of dental implants which were installed during or after orthognathic surgery

Jun-Bum Lee\*, TH Sung, HY Kim, JE Yoon, JW Cho, JH Park, JW Kim, SJ Kim

Dept. of Oral and maxillofacial surgery, Ewha Womans University Medical center

5-B-4  $(08:42 \sim 08:51)$  Case report: Maxillary sinus augmentation using rhBMP-2 in absorbable collagen sponge

Young Joon Hong\*, Soon Jung Hwang

Department of Oral and Maxillofacial Surgery, School of dentistry, Seoul National University

5-B-5  $(08:51 \sim 09:00)$  Temporomandibular disorders during or after dental implant treatment

Dae-Hoon KIM\*, Cheol-Hee JEONG, Jengbin PARK, Yuri CHOI, Jong-Ki HUH

Department of Oral and Maxillofacial Surgery, Gangnam Severance Hospital, Yonsei University College of Dentistry, Seoul, Korea

#### 11월 5일(Sat) CV Hall **Esthetic Surgery**

Minimally invasive surgery in oral and maxillofacial region 5-C-KS  $(08:00 \sim 08:15)$ Woong Nam Dept. of Oral and Maxillofacial Surgery, College of Dentistry, Yonsei University 5-C-1 Postoperative 3-dimensional evaluation of mandibular contouring surgery  $(08:15 \sim 08:24)$ using computer assisted simulation planning and 3-dimensional printed surgical guide. \*1Hyun Seok, 1Seong-Gon Kim, 1Kwang-Jun Kwon, 1Young-Wook Park, <sup>2</sup>Yong-Chan Lee <sup>1</sup>Department of Oral and Maxillofacial surgery, College of Dentistry, Gangneung-Wonju National University <sup>2</sup>Department of Oral and Maxillofacial Surgery, Bestian Seoul Hospital, 429, Dogok-ro, Gangnam-gu, Seoul 135-998, South Korea. 5-C-2 Forehead augmentation performed with orthognathic or facial contouring  $(08:24 \sim 08:33)$ surgery: Case report Young-Wook Park\*, Sung Ho Shin, Seong-Gon Kim, Min-Keun Kim, Kwang-Jun Kweun Department of Oral and Maxillofacial surgery, College of Dentistry, Gangneung-Wonju National University 5-C-3Individualized Treatment Planning for Asian Patients with Obstructive  $(08:33 \sim 08:42)$ Sleep Apnea Syndrome: Modification of Maxillomandibular Advancement Sung ok Hong<sup>1</sup>, Jin-Young Choi<sup>2</sup> <sup>1</sup>Catholic Kwandong University International St. Mary's Hospital <sup>2</sup>Seoul National University School of Dentistry, Dept. of Oral and Maxillofacial Surgery Botox injection for the treatment of a "gummy smile" 5-C-4  $(08:42 \sim 08:51)$ Yong-Jae Joung, Kang-Min Ahn Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center From Upper Airway Reconstruction to Upper Airway Stimulation in 5-C-5  $(08:51 \sim 09:00)$ OSA Surgery - A Case Report Sung ok Hong<sup>1</sup>, Yong Dae Kwon<sup>2</sup>, Stanley Yung Chuan Liu<sup>3</sup>

#### 11월 6일(Sun) Rm 310 Orthognathic Surgery (3)

In vitro biomechanical evaluation of fixation methods of sagittal split 6-A-KS  $(08:00 \sim 08:15)$ ramus osteotomy in mandibular setback

<sup>1</sup>Catholic Kwandong University International St. Mary's Hospital

<sup>3</sup>Stanford University School of Medicine, Dept. of Otolaryngology

Ji-Su Oh

Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Chosun University

<sup>2</sup>Kyung Hee University Dental Hospital, Dept. of Oral and Maxillofacial Surgery



6-A-1 Analysis of the Condylar Positioning after Intraoral Vertico-sagittal Ramus  $(08:15 \sim 08:24)$ Osteotomy

> Pill-Hoon Choung, Seung-Kee Shim\*, Soo-Ho Kim, Han-Wool Choung Dept. of Oral & Maxillofacial Surgery, Cranio-Maxillo-Facial Syndrome Plastic Clinic, Tooth Bioengineering National Research Lab., School of Dentistry, Seoul National University, Seoul, Korea

6-A-2 Proximal segment position change on stability of sagittal split ramus  $(08:24 \sim 08:33)$ osteotomy for mandibular prognathism with and without asymmetry

Aditi Sharma, Jun Young Paeng, Jin Wook Kim, So Young Choi,

Tae Geon Kwon

Dept. of Oral and Maxillofacial Surgery, Kyungpook National University Dental Hospital

Mandible body ostectomy for the treatment of Mandibular prognathism 6-A-3 $(08:33 \sim 08:42)$ Do-Hyun Jeon\*, Sung-Hoon Byun<sup>2</sup>, Hee-Chan Park, Sung-Hoon Byun<sup>1</sup>, Dae-Young Kim, Jong-ho Choi, Jang-Ho Son, Iel-Yong Sung, Yeong-Cheol Cho Department of Oral and Maxillofacial Surgery, Ulsan University Hospital, College of Medicine, Ulsan University

6-A-4 Predisposing factors affecting to postoperative skeletal stability in  $(08:42 \sim 08:51)$ class III malocclusion patients: analysis by recurrence rates

> Young-jae Baek\*, Young-Deok Kim, Hyo-Geon Kim, Jae-Min Song, Jae-Yeol Lee, Dea-Seok Hwang, Sang-Hun Shin, Uk-Kyu Kim Dept. of Oral and Maxillofacial Surgery, School of Dentistry,

6-A-5 Measurement of change amount of soft tissue around nose after  $(08:51 \sim 09:00)$ Orthognathic surgery (Lefort I Osteotomy).

> Seung-Il Jang\*, Jaemyung Ahn, Jongrak Hong, Chang-Soo Kim Dept. of Oral and maxillofacial surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine

6-A-6 Contemporary Orthognathic Preparation for the Orthognathic Surgery:  $(09:00 \sim 09:09)$ Do we have to need the surgical wire for 4 weeks before the surgery?

> Hyeong-Geun Lee\*, Yong-Deok Kim, Hyo-Geon Kim, Jae-Min Song, Jae-Yeol Lee, Dae-Seok Hwang, Sang-Hun Shin, Uk-Kyu Kim Dept. of Oral and Maxillofacial Surgery, School of dentistry, Pusan National University

#### 11월 6일(Sun) Tissue Engineering Rm 309

Pusan National University

3D planning for Orthognathic surgery 6-B-KS  $(08:00 \sim 08:15)$ 

Hwi-Dong Jung

Department of Oral & Maxillofacial Surgery, Yonsei Univesity, College of Dentistry, Seoul, Korea

# 6-B-1 $(08:15 \sim 08:24)$

# The in-vitro effect of Polydeoxyribonucleotide(PDRN) to Osteoblast cell Proliferation

Jong Chan Park<sup>1</sup>, Bong Chul Kim<sup>1</sup>, Hun Jun Lim<sup>1</sup>, Young Deok Chee<sup>3</sup>, Jun Lee<sup>1,2</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Daejeon Dental Hospital, College of Dentistry, Wonkwang University, Daejeon, Korea

<sup>2</sup>Wonkwang Bone Regeneration Research institute, Wonkwang University <sup>3</sup>Department of Oral and Maxillofacial Surgery, Sanbon Dental Hospital, Wonkwang University

## 6-B-2 $(08:24 \sim 08:33)$

# The osteogenic potential of a moldable demineralized dentin matrix in rabbit skulls

Yong-Chan Ha\*, Won-Gyo Seo, Moon-Young Kim, Se-Jin Han, Chul-Hwan Kim, Jae-Hoon Lee

Dept. of Oral and maxillofacial Surgery, College of Dentistry, Dankook University

## 6-B-3 $(08:33 \sim 08:42)$

# Translational research for bone regeneration by the conditioned medium from mesenchymal stem cells after maxillary sinus floor elevation

Wataru KATAGIRI\*<sup>1</sup>, Junna WATANABE<sup>2</sup>, Naoto TOYAMA<sup>2</sup>, Kohei SAKAGUCHI<sup>2</sup>, Yukiko SUGIMURA-WAKAYAMA<sup>2</sup>, Masashi OSUGI<sup>2</sup>, Taku KOJIMA<sup>1</sup>, Tadaharu KOBAYASHI<sup>1</sup>

<sup>1</sup>Division of Reconstructive Surgery and Oral and Maxillofacial Region, Niigata University Graduate School of Medical and Dental Sciences, Niigata, Japan <sup>2</sup>Department of Oral and Maxillofacial Surgery,

Nagoya University Graduate School of Medicine, Nagoya, Japan

## 6-B-4 $(08:42 \sim 08:51)$

# Effects of locally applied BMP-2 and alendronate carried by $\beta$ -TCP on bone regeneration

Na Ri Kim<sup>1,2\*</sup>, Beom Seok Lee<sup>2</sup>, In Sook Kim<sup>2</sup>, Soon Jung Hwang<sup>1,2</sup>

<sup>1</sup>Dept. of Oral and Maxillofacial Surgery, School of Dentistry,

Seoul National University

<sup>2</sup>Dental Research Institute, Seoul National University

# 11월 6일(Sun)

# CV Hall

# Reconstruction, Infection and Tumor

# 6-C-KS $(08:00 \sim 08:15)$

# Current concepts of microvascular reconstruction after tumor ablation

Kang-Min Ahn Department of oral and maxillofacial surgery, College of medicine, University of Ulsan

## 6-(-1 $(08:15 \sim 08:24)$

# Fibular free flap reconstruction of the mandible in oral squamous cell carcinoma

Jong-Hyun Hwang, Kang-Min Ahn

Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center



6-(-2 A case of acute necrotizing fascitis following internal jugular vein  $(08:24 \sim 08:33)$ thrombophlebitis: Lemierre syndrome

> Hyun-Jun Kim\*, MS Kim, GT Kim, TS Yoon, HG Lee, HK Lim, ES Lee, HS jang

Department of oral and Maxillofacial Surgery, Korea University

6-C-3Incidence of MRONJ in patients administered bisphosphonates and  $(08:33 \sim 08:42)$ antiresorptive drugs

> Jungwon Cho<sup>1\*</sup>, JY Kim<sup>2</sup>, HY Kim<sup>1</sup>, TW Sung<sup>1</sup>, JB Lee<sup>1</sup>, JE Yoon<sup>1</sup>, JH Park<sup>1</sup>, JW Kim<sup>1</sup>, SJ Kim<sup>1</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Ewha Medical Center; Research Institute for Intractable Osteonecrosis of the Jaw, School of Medicine, Ewha Womans University, Seoul, Korea <sup>2</sup>Clinical Oral Health Science, Graduate School of Clinical Dentistry, Ewha Womans University, Seoul, Korea

6-C-4 A Case analysis and literature review about the effect of long-term  $(08:42 \sim 08:51)$ steroid use on MRONJ onset

> Na-rae Choi\*, Sang-Hun Shin, Hyo-Geon Kim, Jae-Min Song, Jae-Yeol Lee, Dea-Seok Hwang, Young-Deok Kim, Uk-Kyu Kim, Dept, of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University

6 - C - 5Transoral approach - Push Through operation  $(08:51 \sim 09:00)$ JeongWon Huh, Jung-Hwan Lim, Hyung Jun Kim OMFS, Yonsei University Dental Hospital



The 55th Congress of The Korean Association of Maxillofacial Plastic and Reconstructive Surgeons

# 포스터 게시 순서



**CLP** 



# 11월 4일(FRI)~11월 6일(SUN)

#### P-1Correction of Microform Cleft Lip

Dong- Yul Kim<sup>1</sup>, Iel-Yong Sung<sup>2</sup>

Department of Oral and Maxillofacial Surgery, Ulsan Dong-kang Hospital Department of Oral and Maxillofacial Surgery, University of Ulsan Hospital, College of Medicine, Ulsan University<sup>2</sup>

# **Dentoalveolar Surgery**

#### P-2Evaluation of bone healing using NOVOSIS®-Dent in ridge augmentation: a pilot study

Hyun-Suk Kim\*<sup>1</sup>, Young-Kyun Kim<sup>1,2</sup>, Pil-Young Yun<sup>1</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Section of Dentistry,

Seoul National University Bundang Hospital

<sup>2</sup>Department of Dentistry & Dental Research Institute, School of Dentistry, Seoul National University

#### P-3use of buccal fat pad for closure of oroantral fistula: Case report

Jae-Chan No\*, In-Hee Woo, Joo-Won, Jwa-Young Kim, Byoung-En Yang Department of Oral and Maxillofacial Surgery, Sacred heart hospital, Hallym university Deptartment of Oral and Maxillofacial Surgery, School of Medicine, Hallym university

#### P – 4 Clinical evaluation of difficulty analysis of mandibular third molar extraction Jangwon Lee\*1, Won Jong Park1,2, Eun Joo Choi1,2, Moon Gi Choi1,2, Kyung-hwan Kwon<sup>1,2</sup>

<sup>1</sup>Department of oral and maxillofacial surgery, school of dentistry, Wonkwang university <sup>2</sup>Wonkwang dental research institute

#### P-5The injury of inferior alvelolar nerve due to pericoronal and periapical lesion GT Kim, MS Kim, HJ Kim, TS Yoon, HK Lee, HK Lim, ES Lee Dept. of Oral and Maxillofacial Surgery, Korea University Guro Hospital

# **Esthetic Surgery**

#### P-6Contouring Surgery in Mild Facial Asymmetric Patients - Case Reports Iong-Cheol Park\*, Hvo-Geon Kim, Jae-Min Song, Jae-Yeol Lee, Young-Deok Kim,

Sang-Hun Shin, Uk-Kyu Kim, Dea-Seok Hwang

Dept. of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University

#### P-7Mandibular wing osteotomy for correction of the protrusive chin: a case report

Jungwoo Cho\*, SeungHwan Jeong, Jin-su Kim, Chang Hyen Kim, Je Uk Park Department of Oral and Maxillofacial surgery, Seoul St. Mary's Hospital, The Catholic University of Korea

#### P-8Treatment of keloid with intralesional triamcinolone acetonide injection: A case report.

Hyo-Geon Kim\*, Yong-Deok Kim, Jae-Min Song, Jae-Yeol Lee, Dae-Seok Hwang, Sang-Hun Shin, Uk-Kvu Kim

Department of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University

#### P-9Esthetic rhinoplasty for a patient with short and upturned nose: Case report Jang-Ha Lee\*, Min-KeunKim, Seong-GonKim, Kwang-Jun Kwon, Young-Wook Park Department of Oral and Maxillofacial Surgery, College of Dentistry, Gangneung-Wonju National University

#### P - 10Iliac bone graft on fibrous dysplasia: case reports

Joon-Hyoung Park\*, Hui-Young Kim, Byoung Moo Seo

Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital

# **Implant**

#### Clinical outcome of implants and sinus bone grafts in the case of maxillary P – 11 sinusitis: Retrospective clinical study

Jeong-Kui Ku1, Young-Kyun Kim1,2

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Section of Dentistry,

Seoul National University Bundang Hospital, Seongnam, Korea

<sup>2</sup>Department of Dentistry & Dental Research Institute, School of Dentistry,

Seoul National University, Seoul, Korea

#### P - 12 Effect of a perforated sinus membrane on implant survival and bone grafting during a lateral window approach

Gwang-Seok Kim\*, Jae-Wang Lee, Jong-Hyon Chong, Sang-Hoon Park, Ji-Hun Chong, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hong-Ju Park, Sun-Youl Ryu, Hee-Kyun Oh

Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

#### P - 13Sinus membrane elevation and simultaneous implant placement without bone grafts through crestal approach

Dong-Woo Kang<sup>1</sup>, Young-Kyun Kim<sup>2</sup>, Pil-Young Yun<sup>1</sup>, Deuk-Won Jo<sup>3</sup>

<sup>1</sup>Department of Oral and Maxillofacial Surgery, Section of Dentistry,

Seoul National University Bundang Hospital, Seongnam, Korea

<sup>2</sup>Department of Dentistry & Dental Research Institute, School of Dentistry,

Seoul National University, Seoul, Korea

<sup>3</sup>Department of Prosthodontics, Section of Dentistry,

Seoul National University Bundang Hospital, Seongnam, Korea



#### P - 14Comparison of Condylar Displacement between Single-jaw and Double-jaw Surgery-first Orthognathic Surgery in Mandibular Prognathism with Facial Asymmetry

Jong-Hyon Chong\*, Li Jiyin, Sang-Hun Park, Jae-Jin Heo, Jeong Joon Han, Sun-Youl Ryu, Hong-Ju Park, Min-Suk Kook, Seunggon Jung, Hee-Kyun Oh Dept. of Oral and maxillofacial surgery, School of Dentistry, Chonnam National University

#### P – 15 Assessment of clinical effectiveness of IAN repair with nerve sliding technique Il-Hyung KIM\*, Soung-Min KIM, Myung-Jin Kim and Jong-Ho LEE Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital

#### P - 16Bone formation following Osteotome Sinus Floor Elevation technique without grafting material

Yoon Chang Lee\*<sup>1</sup>, Hun Jun Lim<sup>1</sup>, Bong Chul Kim<sup>1</sup>, Young Deok Chee<sup>3</sup>, Jun Lee<sup>1,2</sup> Department of Oral and Maxillofacial Surgery, Daejeon<sup>1</sup> Wonkwang Bone Regeneration Research institute, Wonkwang University<sup>2</sup> Department of Oral and Maxillofacial Surgery, Sanbon Dental Hospital, Wonkwang University<sup>3</sup>

#### P – 17 Atypical Facial Neuralgia (AFN) after placing dental implants on the posterior maxilla

Hanbin LEE\*, Myung-Jin Kim, Jong-Ho Lee Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital, Seoul, Republic of Korea

#### P - 18Retrospective Clinical Study of an Implant with a Sandblasted, Large-grit, Acid-etched Surface and Internal Connection: Analysis of Short-term Success Rate and Marginal Bone Loss

Jae-Wang Lee\*, Jong-Hyon Chong, Gwang-Seok Kim, Jun-HyeongAn, Ji-Hun Chong, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hee-Kyun Oh, Sun-Youl Ryu, Hong-Ju Park

Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

#### P – 19 Removal of Dental Implants Displaced into the Maxillary Sinus and Simultaneously Implant Placement: Case Reports

Jae-Wang Lee\*, Jong-Hyon Chong, Gwang-Seok Kim, Jun HyeongAn, Ji-Hun Chong, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hong-Ju Park, Sun-Youl Ryu, Hee-Kyun Oh

Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

#### P - 20Sinus lift without graft material

Kuk-won Jang, Seong-Ho Cho, Ji-Deuk Han, Chul-HoonKim, Jung-han Kim Department of Oral and Maxillofacial Surgery, Department of Dentistry, Dong-A University Medical Center, Busan, Korea

# Infection

P - 21Cervical necrotizing fasciitis: Report of a case

> Sunin Yang\*, Dong-Mok Ryu, Yu-Jin Jee, Deok-Won Lee, Taekyung Kim, Daeseung Ryu, Pilmo Koo, Sewon Kim Kyung Hee University Dental Hospital at Gangdong

P - 22Uncertainty of current algorithm for Osteonecrosis of the jaw in Populationbased studies

> Jin-Woo Kim, Tae-Hwan Sung, Heon-Young Kim, Joon-beom Lee, JiEun Yoon, Jung-won Cho, Jung-Hvun Park, Sun-Jong Kim

Department of Oral and Maxillofacial Surgery, Ewha Medical Center; Research Institute for Intractable Osteonecrosis of the Jaw, School of Medicine, Ewha Womans University

P - 23Infected thyroglossal duct cyst; A case report

> Woon Heuk Jung\*, Hong Jae Kwak, Pan Jun Kim, Ki Wook Song, Sung Yong Park, Hyun Ki Lee, Soo Nam Yang

Department of oral and maxillofacial surgery, Cheongju Hankook hospital

P - 24Death due to bacterial meningoencephalitis after zygomaticomaxillectomy: Case report

Yong-Jae JOUNG\*, Jee-Ho Lee

Dept. of oral and maxillofacial surgery, Seoul Asan medical center, Seoul, Republic of Korea.

- P 25Treatment of osteomyelitis and cystic lesions using sagittal split osteotomy Nara shin\*, Su-Gwan Kim, Seong-Yong Moon, Ji-Su Oh, Jae-Seek You Dept. of Oral and Maxillofacial Surgery, School of Dentistry, Chosun University
- P 26Case report: A rare case of anterior chest wall cellulitis spread from submandibular space abscess due to neglected BRONJ of mandible

Bum Joo Baek, Young Joon Hong, Do Hyun Kwon, Hoon Myoung Dept. of Oral and Maxillofacial Surgery, School of Dentistry, Seoul National University, Seoul,

P - 27Endoscopic sinus surgery combined with surgical curettage for treatment of advanced maxillary BRONJ (bisphosphonate-related osteonecrosis of the jaw) involving maxillary sinus

> Jung-Hyun Park, Jin-Woo Kim, Sun-Jong Kim Dept. of Oral and maxillofacial surgery, Ewha Womans University Medical center

Surgical Treatment of Bisphosphonate Related Osteonecrosis of the Jaws with rhBMP-2 P - 28and Bone density assessment using Cone beam computerized tomography

> Seung Jae Paek, Young Deok Chee, Won-Jong Park, Moon Gi Choi, Eun Joo Choi, Kyung-Hwan Kwon

<sup>1</sup>Department of Oral & Maxillofacial Surgery, School of Dentistry, Wonkwang University, <sup>2</sup>Wonkwang Dental research Institute



#### P - 29A Case Report of Descending necrotizing mediastinitis

Pan Jun Kim\*, Woon Heuk Jung, Ki Wook Song, Hong Jae Kwak, Hyoun Soo Lee, Soo Nam Yang

Dept. of Oral and maxillofacial surgery, Hankook hospital, Cheongju

#### P - 30Osteonecrosis of the jaw and bone healing in a patient with chronic myelogenous leukemia receiving imatinib : A case report

Byung-Koo Um\*, Young-Su Kim, Dae-Ho Leem, Seoung-O Ko, Jin-A Baek. Dept. of Oral and Maxillofacial Surgery, School of Dentistry, Chonbuk National University

#### P - 31Brain abscess after implant surgery: Case report

Dong-Young Kim, Bu-Kvu Lee\*

Department of oral and maxillofacial surgery, College of medicine, University of Ulsan, Asan medical center

#### P - 32 Correlation between alveolar bone loss and MRONJ stage

Yun Pyo Hong\*, Young Wook Jung, Seung Il Song, Jeong Keun Lee\* Department of Dentistry, Oral and Maxillofacial surgery, Ajou university school of Medicine

# **Orthognathic Surgery**

#### P - 33Clinical evaluation of the Temporomandibular joint disorder after surgical correction of skeletal class II malocclusion

Ji-eun Yoon\*, Jung-hyun Park, Jin-woo Kim, Sun-Jong Kim Department of Oral and Maxillofacial Surgery, Ewha Womans University Mokdong hospital

#### Surgical and Orthodontic Treatment of Treacher Collins Syndrome: A Case P - 34Report

Il-Kyu Kim, Dong-Hwan Lee\*, Hyun-Young Cho, Ji-Hoon Seo, Jun-Min Jang Dept. of OMS, College of Medicine, Inha University, Incheon. Korea

#### P - 35 A case report: Maxilla-mandibular simultaneous distraction in hemifacial microsomia patient with Zurich distractor

Gyu Jo Shim\*, YongDae Kwon, Byung Joon Choi, Joo Young Ohe, Jung Woo Lee, Baek Soo Lee Dept. of Oral &Maxillofacial surgery, KyungHee University Schoolof Dentistry

#### P - 36Changes in the airway following 2 jaw surgery with horseshoe Le Fort I osteotomy

Hyoungjoon Kim<sup>1</sup>, Naoyuki Yohshino<sup>1</sup>, Yasushi Nishii<sup>1</sup>, Takashi Kamio<sup>2</sup>, Kunihiko Nojima<sup>1</sup>, Kenji Sueishi<sup>1</sup>

<sup>&</sup>lt;sup>1</sup>Tokyo Dental College Department of Orthodontics,

<sup>&</sup>lt;sup>2</sup>Tokyo Dental College Department of Oral & Maxillofacial

#### P - 37Orthognathic surgery and implant placement using virtual surgical simulation and 3D printing surgical guide in partially edentulous patient with mandibular prognathism: case reports

In-Hee Woo, Jae-Chan No, Joo-Won Kim, Jwa-Young Kim, Byoung-Eun Yang Department of Oral and Maxillofacial Surgery, Hallym University Sacred Heart Hospital

#### Orthognathic surgery using MiTek® mini anchor to correct facial asymmetry P - 38and condylar hyperplasia: case report

Tae-Hyun Jeon \*, Mong-Heun Kang, Seung-Beom Hong, In-Seok Song, Sang-Ho Jun Department of Oral and Maxillofacial Surgery, Anam Hospital, Korea University

#### P - 39A questionnaire study after orthograthic surgery in patients with jaw deformities Taku KOJIMA<sup>1</sup>, Kana KURABE<sup>1</sup>, Yusuke KATO<sup>1</sup>, Daichi HASEBE<sup>1</sup>, Hirovuki TAKATSUJI<sup>1</sup>, Wataru KATAGIRI<sup>1</sup>, Isao SAITO<sup>2</sup>, TadaharuKOBAYASHI<sup>1</sup>

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#### P - 40Three-Dimentional Analysis of Condylar Position after BSSRO for Mandibular Prognathism: Orthodontics-First Approach Vs. Surgery-First Approach

Jun-Hyeong An\*, Wang Tongyue, Sang Hoon Park, Jae-Wang Lee, Ji-Hun Chong, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hee-Kyun Oh, Sun-Youl Ryu, Hong-Ju Park

Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

#### P – 41 A retrospective study on the incidence of post-operative complications after orthognathic surgery

Ju-Young Lee\*, Myung-Jin Kim, Pill-Hoon Choung, Jong-Ho Lee, Jin-Young Choi, Soon-Jung Hwang, Byoung Moo Seo

Department of Oral and Maxillofacial Surgery, Seoul National University Dental Hospital

#### P - 42Comparison of the tracing accuracy between IR based OTS and cost effective stereovision system for orthognathic surgery

Jaemyung Ahn\*<sup>1</sup>, Hyunseok Choi<sup>2</sup>, Jaesung Hong<sup>2</sup>, Jongrak Hong<sup>1</sup>, Chang-Soo Kim<sup>1</sup> <sup>1</sup>Dept. of Oral and maxillofacial surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine

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#### P - 43Case report : a rare ophthalmic complications after Orthognathic surgery

Hyun Bin Ha\*, Sung woon Ohn, Jin Yong Choi

Dept. of Oral and Maxillofacial Surgery, School of Dentistry, Seoul National University, Seoul



#### P - 44 New analysis method of simultaneous soft tissue and cephalometric change after cranio-maxillo-facial orthognathic surgery

Han-Wool Choung, Pill-Hoon Choung

Department of Oral & Maxillofacial Surgery, Cranio-Maxillo-Facial Syndrome Plastic Clinic, Tooth Bioengineering National Research Laboratory, Dental Research Institute, School of Dentistry, Seoul National University, Seoul, Korea

#### Surgical excision using 3D surgical stent in a case of craniofacial fibrous P – 45 dysplasia: A case report

Bo Yeon Hwang\*, Baek Soo Lee, YongDae Kwon Joo Young Ohe, Jung Woo Lee Dept. of Oral & Maxillofacial surgery, Kyung Hee University School of Dentistry

#### Application of new analysis method of simultaneous soft tissue and cephalometric P - 46 change after Intraoral Le Fort II osteotomy and Intraoral Vertico-Sagittal Ramus Osteotomy

Pill-Hoon Choung, Soo-Ho Kim\*, Han-Wool Choung, Seung-Kee Shim

Department of Oral & Maxillofacial Surgery, Cranio-Maxillo-Facial Syndrome Plastic Clinic, Tooth Bioengineering National Research Laboratory, Dental Research Institute, School of Dentistry, Seoul National University, Seoul, Korea

#### A comparison of accuracy of three different methods for fusion of intra-oral P – 47 scans and 3D cone-beam computed tomography scans for orthogoathic surgery planning

Jae-Bong Park<sup>1</sup>, Soon-Jung Hwang<sup>1,2</sup>

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#### P - 48 Nasal septal deviation after Le Fort I osteotomy: Correlation of septal deviation and the amount of maxillary superior movement

SungWoon ON\*, Jin-YoungCHOI

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#### P - 49Postoperative changes in mandibular position after mandibular setback surgery via surgery-first approach in relation to the increase of vertical dimension and amount of mandibular setback

Jeong Joon Han<sup>a\*</sup>, Jong-Hyon Chong<sup>b</sup>, Seunggon Jung<sup>b</sup>, Hong-Ju Park<sup>b</sup>, Hee-Kyun Oh<sup>b</sup>, Sun-Youl Ryu<sup>b</sup>, Min-Suk Kook<sup>b</sup>

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#### P - 50Surgical treatment of Hemimandibular Hyperplasia

Sun-Mo Kwon, Yong-bin Lee, Young-Soo Jung, Hwi-Dong Jung,

Department of Oral and Maxillofacial Surgery, College of Dentistry, Yonsei University

#### P - 51Evaluation of mandibular morphology and dental arch in patients with Class III asymmetry

Yasushi Nishii, Hiroyuki Ogura, Shuto Kitai, Gaku Kusaba, Hyoungjoon Kim, Chie Tachiki, Kunihiko Nojima, Kenji Sueishi

Tokyo Dental College Department of Orthodontics

## Reconstruction

P - 52Reconstruction by titanium tray fabricated with CAD/CAM and iliac PCBM, block bone about maxillofacial defect of oral cancer patient: case report & literature reviews

> Jong-Shik Oh\*, Hyo-Geon Kim, Jae-Min Song, Jae-Yeol Lee, Dae-Seok Hwang, Yong-Deok Kim, Sang Hun Shin, Uk-Kyu Kim

Department of Oral and Maxillofacial Surgery, School of Dentistry, Pusan National University

P - 53The advantages of the upper-inner arm graft for repairing radial forearm free flap donor site.

> Chunui Lee\*, Dae-Keun Kwon, Jun-Young Paeng, So-Young Choi, Jin-Wook Kim Dept. of Oral and Maxillofacial Surgery, Kyungpook National University Dental Hospital

P - 54A Study on the Changes of Blood Flows and Vessels according to the Microvascular Anastomosis Types Using Computational Fluid Dynamics Models: 2. Two-Way Fluid-Structure Interaction Analysis

> Moon-Key Kim\*, Sang-Hoon Kang, Yeon-Ho Kim, Yu-Jin Won, Hyung-Sang jang<sup>§</sup> Department of Oral and Maxillofacial Surgery, National Health Insurance Service Ilsan Hospital, Goyang, and Research and Development Center, MidasIT, Seongnam, Korea<sup>§</sup>

Orbital surperior wall reconstruction using a surgical navigation P - 55

> Jun-Hyeong An\*, Sang Hoon Park, Jae-Wang Lee, Ji-Hun Chong, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hee-Kyun Oh, Sun-Youl Ryu, Hong-Ju Park Department of Oral and Maxillofacial Surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

P - 56 Sectioned images and surface models of a cadaver for understanding the free vascularized anterior rib flap

> Tae Hoon Yu,\*1 Dong Sun Shin,2 Hyung Kun Kim,3 Jun Lee,1 Hun Jun Lim1, Young Deok Chee<sup>4</sup>, Jung woo Nam<sup>4</sup>, Bong Chul Kim<sup>1</sup>

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#### P - 57A retrospective study of orbital reconstruction using transantral approach

Sang Hoon Park\*, Jun-Hyeong An, JH Jung, JJ Heo, JeongJoon Han, Seunggon Jung, Min-Suk Kook, Hong-Ju Park, Sun-Youl Ryu, Hee-Kyun Oh

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#### P - 58The use of patient-specific reconstruction-plates by CAD/CAM for mandibular reconstruction

Han-Wool Choung\*, Jong-Ho Lee

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# Tissue Engineering

#### The effect of the 4-hexylresorcinol loaded silk membrane as artificial dermis P - 59on wound healing and re-epithelization in rat skin defect model; preliminary study

\*1Hyun Seok, 1Seong-Gon Kim, 2HaeYong Kweon, 2You-Young Jo

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<sup>2</sup>Sericultural & Apicultural Materials Division, National Academy of Agricultural Science, Jeonju, Korea

#### P - 60Hydroxyapatite synthesized from shell of Haliotis sp.

Su-Gwan Kim, Kyung-Rok Kang, Jae-Sung Kim

Department of Oral and Maxillofacial Surgery, School of Dentistry, Chosun University

#### P-61 B-tricalcium phosphate derived from Haliotis sp. shells

Su-Gwan Kim, Kyung-Rok Kang, Jae-Sung Kim

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#### The effect of highly porous scaffold on bone regeneration ability in Rabbit calvarium P - 62

Hyung SeokCha\*1, Hun Jun Lim1, Bong Chul Kim1, Young Deok Chee3, Jun Lee1,2

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Department of Oral and Maxillofacial Surgery, Sanbon Dental Hospital, Wonkwang University<sup>3</sup>

#### P - 63The effect of alendronate and ultraviolet treatment on bone-implant interface

Hyung Soo Kim\*<sup>1</sup>, Sun Sik Yang<sup>2</sup>, Beom Su Kim<sup>2</sup>, Bong Chul Kim<sup>1</sup>, Young Deok Chee<sup>3</sup>, Jun Lee<sup>1,2</sup>

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<sup>2</sup>Wonkwang Bone Regeneration Research institute, Wonkwang University

#### P - 64 Physico-mechanical properties and biocompatibilities of a bacterial cellulose membrane as a non-resorbable dental barrier membrane

Su-Gwan Kim, Yi-Ra Jung, Jae-Sung Kim

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#### P-65 Fabrication of 3D printed biodegradable graft material for regenerating complex shaped bony defect in a rabbit model.

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#### P - 66The effect of Pulsed Magnetic Field on regeneration of crush-injured mandibular nerve in SD rat model in vitro, in vivo

Nari Seo\*1, Sung ho lee2, Kyung Won Ju2, JHLee1,2

#### P - 67Is heparin effective for the controlled delivery of high dose bone morphogenetic protein-2?

Soon Jung Hwang<sup>1</sup>, Ri Youn Kim<sup>2</sup>, Beomseok Lee<sup>2</sup>, In Sook Kim<sup>2</sup>

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# TMI

#### The effectiveness of fused images of bone SPECT and facial CT in the diagnosis P - 68of osteoarthritis state of the temporomandibular joint

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<sup>2</sup>Yoon-Young Choi, <sup>1</sup>Kwang-sup Shim, <sup>1</sup>Chang-joo Park, <sup>1</sup>Kyung-Gyun Hwang

#### P - 69Clinical Study on Treatment of unilateral Temporomandibular Joint Chronic Recurrent Dislocations by Eminence Augmentation using bone graft: A Case Report

Tae Woong Ahn\*<sup>1</sup>, KH Yoo<sup>1</sup>, MS Oh<sup>1</sup>, CM Park<sup>1</sup>, SW Yoon<sup>1</sup>, SH Yoon<sup>1</sup>, DK Lee<sup>1,</sup> YCChoi<sup>2</sup>, MJ Kim<sup>2</sup>

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#### P - 70Orofacial pain caused by temporomandibular joint osteoarthritis

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#### P - 71Ultrasonographic evaluation of thickness changes in masseter muscle following TMD treatment

Yuri CHOI<sup>1</sup>, Kug-Jin JEON<sup>2</sup>, Wonse PARK<sup>3</sup>, Kee-Deog Kim<sup>3</sup>, Jong-Ki HUH<sup>1</sup>

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#### P - 72 Look-up at Chondrosarcoma of Temporomandibular joint

Namuun Khentii<sup>1</sup>, Jong-Ho Lee<sup>2</sup>

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#### P - 73Subcutaneous emphysema of TMJ after fungal infection of external auditory canal: a case report

Sung-Won YANG\*, Jin-Yong CHO, Hyeon-Min KIM

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#### P – 74 Dentinogenic ghost cell tumor: a case report and literatures review

Ji-Youn Kim\*, Byung Wook Ahn, Seung Oak Ko, Hyun Chul Song

Dept. of Dentistry St. Vincent's Hospital, The Catholic University of Korea, Suwon, Korea

## Trauma

#### P - 75Clinical Study on open reduction and internal fixation of frontal bone fracture and superior & medial orbital wall fracture using bi-coronal incision: A Case Report

Tae Woong Ahn\*<sup>1</sup>, KH Yoo<sup>1</sup>, MS Oh<sup>1</sup>, CM Park<sup>1</sup>, SW Yoon<sup>1</sup>, SH Yoon<sup>1</sup>, DK Lee<sup>1</sup> <sup>1</sup>Dept. of Oral and maxillofacial surgery, Sun Dental Hospital

#### The reliability of the trapezium plate for internal fixation using endoscope in P - 76mandibular subcondyle fracture.

Chunui Lee\*, Dae-Keun Kwon, Jin-Wook Kim, So-Young Choi, Jun-Young Paeng. Dept. of Oral and Maxillofacial Surgery, Kyungpook National University Dental Hospital

#### Open reduction of condyle fracture with vertical ramus osteotomy using both P – 77 pedicled condylar fragment and seperated ramal bone.

Il-Kyu Kim, Jun-Min Jang\*, Hyun-Young Cho, Ji-Hoon Seo, Dong-Hwan Lee Department of Oral and Maxillofacial Surgery, College of medicine, Inha University

#### Conservative interdisciplinary treatment of a case with multiple facial and P - 78 condyle fractures.

Sang-Yun Kim<sup>3\*</sup>, You-Sun Lee<sup>1</sup>, Yang-Jin Lee<sup>2</sup>, Young-Kyun Kim<sup>3,4</sup>. Nam-Ki Lee<sup>1</sup>, Brent E. Larson<sup>5</sup>

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#### P – 79 Retrospective study of panfacial fractures with concomitant injuries.

Seong-Baek Jang\*, Tae-Geon Kwon, Jun-Young Paeng, So-Young Choi, Jin-Wook Kim Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Kyungpook National University

#### Temporomandibular joint reconstruction in patients with loss of total condyle P - 80due to trauma: Case reports

Ki-Su Jin\*<sup>1</sup>, Seong-Un Lim<sup>1</sup>, Jeong-Hwan Kim<sup>1</sup>, Yoon-Sic Han<sup>1,2</sup>, Ho Lee<sup>1,2</sup>

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#### P - 81Evaluating the Stability of a Biodegradable Osteosynthesis Plating System in the Management of ZygomaticoMaxillary Complex Fractures

Ji Yong Yoo\*<sup>1</sup>, Won Jong Park<sup>1,2</sup>, Eun Joo Choi<sup>1,2</sup>, Young Deok Chee<sup>1,2</sup>, Moon Gi Choi<sup>1,2</sup>, Kyung-Hwan Kwon<sup>1,2</sup>

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#### P - 82Clinical comparison between endoscopically assisted transoral approach and retromandibular approach for open reduction and internal fixation for mandibular subcondyle fracture

Woo-yul Lee\*, Jin-Yong Cho, Sung-won Yang, Jae-Young Ryu, Hyeon-Min Kim Dept. of Oral and Maxillofacial Surgery, Gachon University Gil Medical Center

#### P - 83Evaluation of Contralateral condylar change of Unilateral mandibular condyle fracture by Computed tomography

Il Kyung Park, Won Jong Park, Eun Joo Choi, Moon Gi Choi, Kyung Hwan Kwon Dept. of Oral and maxillofacial surgery, College of dentistry, Wonkwang University

#### Statistic report of 150 patients with nasal bone fracture on Department of P - 84Oral and Maxillofacial Surgery, Cheoniu Hankook hospital

JuHee Moon\*, Soo Nam Yang

Department of Oral and maxillofacial surgery, Cheongju Hankook hospital



### P - 85A Clinical Analysis of Emergency Patients of Oral and Maxillofacial Surgery Visited Korea University Anam Hospital Emergency Center in the Last 10 Years Mong-Hun Kang\*, Tae-Hyun Jeon, Seung-Beom Hong, In-Seok Song, Sang-Ho Jun Department of Oral and Maxillofacial Surgery, Anam Hospital, Korea University

#### P - 86Emphysema of midface after maxillofacial trauma MS Kim, GT Kim, HJ Kim, TS Yoon, HK Lee, HK Lim, ES Lee Dept. of Oral and Maxillofacial Surgery, Korea University Guro Hospital

#### P - 87Penetrating wooden chopstick enclosed in the masticator spaces area: case report

Tae-Sung Youn\*, MS Kim, GT Kim, HJ Kim, HG Lee, HK Lim, ES Lee, HS jang Department of oral and Maxillofacial Surgery, Korea University

#### P - 88A case report on bilateral sagittal split ramus osteotomy for occulsal reconstruction of mandibular old fracture

Ji-Hun Chong\*, Jae-Jin Heo, Jun-Hyeong An, Jae-Wang Lee, Jeong Joon Han, Seunggon Jung, Min-Suk Kook, Hong-Ju Park, Hee-Kyun Oh, Sun-Youl Ryu Dept. of Oral and maxillofacial surgery, School of Dentistry, Dental Science Research Institute, Chonnam National University

## Tumor

#### P - 89Adenoid Cystic Carcinoma of the Sublingual Gland: A Case Report

Ji-young Song

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#### P - 90Sinonasal Malignant Melanoma occurred in Maxillary Sinus: Case report

Sung Ho Shin\*, Seong-Gon Kim, Young-Wook Park, Min-Keun Kim, Kwang-Jun Kweun

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#### P - 91Odontogenic fibromyxoma of maxilla: a rare case report

Pilmo Koo\*2, Dong-Mok Ryu<sup>1,2</sup>, Yu-Jin Jee<sup>1,2</sup>, Deok-Won Lee<sup>1,2</sup>, Taekyung Kim<sup>2</sup>, Daeseung Ryu<sup>2</sup>, Sunin Yang<sup>2</sup>, Sewon Kim<sup>2</sup>

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#### P - 92A case report and literature review of oral desmoplastic melanoma

Joohee Jeong\*, Seung Tae Lee, Seung-Ki Min, Joo-Young Park, Sung Weon Choi Oral Oncology Clinic, Research Institute and Hospital, National Cancer Center

#### P - 93Ghost cell odontogenic carcinoma on right mandible : case report and review of literacture

Sang Yoon PARK, Jun Hyung PARK, Do Hyun KWON, Soung Min KIM, Hoon MYOUNG, Jong Ho LEE

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# P - 94Treatment of biphasic synovial sarcoma in the mandible: case report and literature

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#### P - 95High grade mucoepidermoid carcinoma mimicking squamous cell carcinoma in submandibular gland; a case report and literature review

Young-Hoon Kang<sup>1,2</sup>,\* June-Ho Byun<sup>2</sup>, Su-Jin Sung<sup>1</sup>, Bong-Wook Park<sup>1,2</sup>\*

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#### P - 96 Lip split mandibulotomy approach technique for oral malignant tumor patients: the case report

Seong-Un Lim<sup>1</sup>, Ki-Su Jin<sup>1</sup>, Jeong-Hwan Kim<sup>1</sup>, Ho Lee<sup>1,2</sup>, Yoon-Sic Han<sup>1,2</sup>

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#### P - 97 Marsupialization for management of keratocystic odontogenic tumor(KCOT): Case report

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#### P - 98 Dentinogenic Ghost Cell Tumor: A Case Report

SeungHwan Jeong\*, Jungwoo Cho, JinSu Kim, ChangHyen Kim, JaeUk Park Dept. of Oral and maxillofacial surgery, Seoul St. Mary's Hospital, The Catholic University of KOREA

#### P - 99Conservative treatment of unicystic ameloblastoma with marsupialization: Case report

Hae-In Choi\*, Su-Gwan Kim, Ji-Su Oh, Jae-Seek You Department of Oral and Maxillofacial Surgery, School of Dentistry, Chosun University

# P-100 Deep Neck Space Infection Caused by Keratocystic Odontogenic Tumor: Case

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## P-101 Accessory Parotid Gland Tumors: Case Series

Eun Jo\*, Jung-Hwan Lim, Hyung Jun Kim Department of Oral and Maxillofacial Surgery, College of Dentistry, Yonsei University, Seoul, Korea

- P 102 Multiple dentigerous cysts in a non-syndromic patients: serial case reports Joonsoo Kim\*, Hyung-gyun Kim, Ji-won Moon, In-sook Park, Dong-seok Sohn Dept. of Dentistry and Oral & Maxillofacial Surgery, Catholic University Hospital of Daegu
- P-103 Diffuse Large B-cell lymphoma(DLBCL) involved on Maxillary anterior alveolar bone and distal appendicular bone : A Case report

Joonsang Yun, Hyung-gyum Kim, Ji-won Moon, In-sook Park, Dong-seok Sohn Dept. of Dentistry and Oral & Maxillofacial surgery, Catholic University Hospital of Daegu

P-104 Adenoid Cystic Carcinoma: Recurrence & nerver invasion

Tae-Seong Kuk<sup>1</sup>, Myung-Jin Kim<sup>1</sup>, Pil-hoon Jung<sup>1</sup>, Jong-Ho Lee<sup>1</sup>, Jin-Yung Choi<sup>1</sup>, Byung-moo Seo<sup>1</sup>, Soon-Jung Hwang<sup>1</sup>, Hoon Myung<sup>1\*</sup>, Soung-Min Kim<sup>1</sup> <sup>1</sup>Department of Oral and Maxillofacial Surgery, Dental Research Institute, School of Dentistry, Seoul National University, Seoul, Korea

P-105 Quality of life after the treatment of Oral squamous cell carcinoma based on EORTC QLQ questionnaire survey

> Aditi Sharma, Tae Geon Kwon, Jin Wook Kim, So Young Choi, Jun Young Paeng Kyunpook National University

P - 106 Benign Cementoblastoma on the Left Mandibular Posterior Area: Case Report Jeong Wan Son\*1, Jun Lee1, Hun Jun Lim1, Jung Hoon Yoon2, Young Deok Chee3. Jung Woo Nam<sup>3</sup>, Bong Chul Kim<sup>1</sup>

> Department of Oral and Maxillofacial Surgery, Daejeon Dental Hospital, College of Dentistry, Wonkwang University<sup>1</sup>

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P - 107 Treatment of huge odontoma on mandible: Case report and literature review Do-Hyun Jeon\*, Sung-Hoon Byun<sup>2</sup>, Hee-Chan Park, Sung-Hoon Byun<sup>1</sup>, Dae-Young Kim, Jong-ho Choi, Jang-Ho Son, Iel-Yong Sung, Yeong-Cheol Cho Department of Oral and Maxillofacial Surgery, Ulsan University Hospital, College of Medicine, Ulsan University

P - 108 Peripheral ameloblastic fibroma arising in the gingiva of the mandible; A case report

> Chul-Kyu Rhee, Kyu-Ho Yoon, Kwan-Soo Park, Jae-An Park Dept. of Oral and Maxillofacial Surgery, Sanggye Paik Hospital, College of Medicine, Inje University

# P-109 Concurrent chemoradiotherapy in the treatment of unresectable head and neck cancers: analysis of 9 cases

Akram A Almansoori<sup>1</sup>, Hoon Myoung<sup>1</sup>, Myung-Jin Kim<sup>1</sup>, Soung-Min Kim<sup>1</sup>, Jong-Ho Lee<sup>1,2</sup>

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# P-110 Cartilaginous Choristoma Associated with Adenomatoid Hyperplasia of the Minor Salivary Glands in the Posterior Tongue

Byung Hoon Kim\*<sup>1</sup>, Jun Lee<sup>1,2</sup>, Bong Chul Kim<sup>1</sup>, Hun Jun Lim<sup>1</sup>, Young Deok Chee<sup>3</sup>, Jung-Hoon Yoon<sup>2,4</sup>

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## P – 111 Utility of sodium tetradecyl sulphate sclerotherapy from benign oral vascular

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Seong-Baek Jang\*, Tae-Geon Kwon, Jin-Wook Kin, So-Young Choi, Jun-Young Paeng Dept. of Oral Maxillofacial Surgery, School of Dentistry, Kyun-gpook National University

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Dept. of Oral & Maxillofacial Surgery, School of Dentistry, Kyungpook National University

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Seungkyu YOON\*, Jengbin PARK, Yuri CHOI, Jong-Ki HUH

Department of Oral and Maxillofacial Surgery, Gangnam Severance Hospital, Yonsei University College of Dentistry, Seoul, Korea

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Cheol-Hee JEONG\*, Myeong-Gyun KIM, Jae-Young KIM, Jong-Ki HUH, Kwang-Ho PARK

Department of Oral and Maxillofacial Surgery, Gangnam Severance Hospital, Yonsei University College of Dentistry, Seoul, Korea

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Won Lee<sup>1,2\*</sup>, Kyu-seok Suh<sup>1</sup>, In-soo Kim<sup>1,2</sup>, Eun-kyoung Kim<sup>2</sup>, Seung-Hwan Kang<sup>1,2</sup>, Minjong Han<sup>2</sup>, Seung Yeon Cho<sup>2</sup>

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Davaanyam L.Cerendulam D, Erdenetsogt, Ayanga G, Urancimeg D, Sapar B, Batbayar,B Shool of Dentistry, Health Science University of Mongolia

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Oyunsaikhan SURMAAJAV<sup>1</sup>, Batbayar BADRAL<sup>1</sup>, Erdenetsogt DUNGUBAT<sup>2</sup>

<sup>1</sup>School of Dentistry, Mongolian National University of Medical Sciences,

<sup>2</sup>Department of Pathology, Mongolian National University of Medical Sciences

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Sung Ho Lee<sup>1</sup>, Ryun Kyung Kim<sup>2</sup>, Na Ri Seo<sup>1</sup>, Kyung Won Ju<sup>1</sup>, Jong Ho Lee<sup>1,3</sup>

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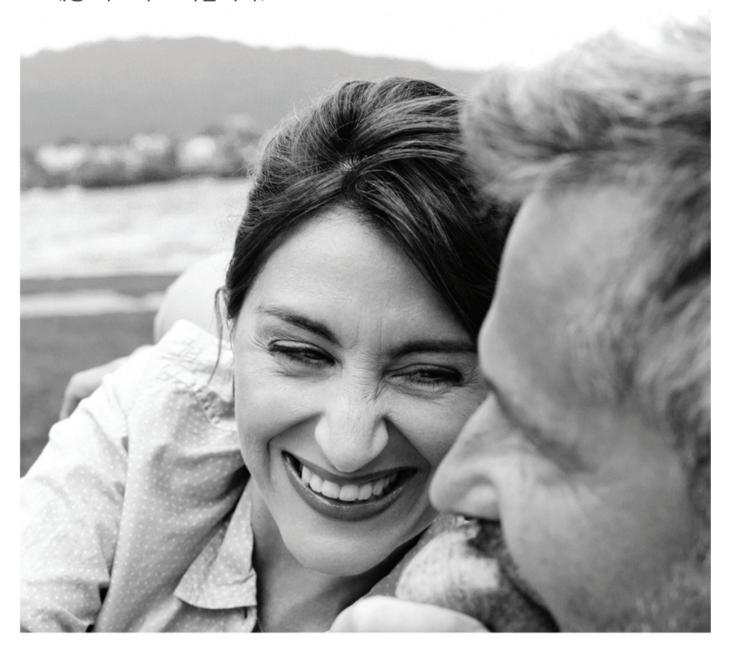
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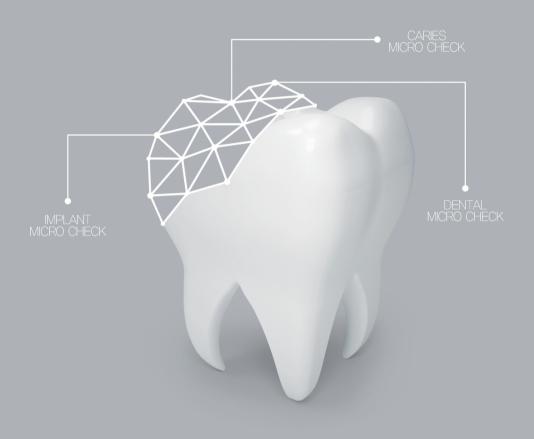






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