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The 14th Korea-Japan Congress of Plastic and Reconstructive Surgery

June 3~5, 2018

Alpensia Convention Center, Pyeongchang, Korea





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Welcome Message



Seung-Ha Park

President

of the 14th Korea-Japan Congress of Plastic and Reconstructive Surgery

It is a great honor for me to host the 14th Korea-Japan Congress of Plastic and Reconstructive Surgery on June 3-5 2018, in Pyeongchang, where the 2018 Winter Olympics is due to be held.

Pyeongchang is a county in Gangwon province of South Korea located in the east of Korean Peninsula. Beautiful Seorak mountain and Kangreung beach attract tourists all year round. The county is home of major ski resort which will be the home of the 2018 Winter Olympics-Alpensia ski resort. Alpensia will host the majority of the snow events of the Olympics and will also host our 14th KJPRS in June.

New highway was built to Pyeongchang and express train(KTX Gyeonggang Line) will be built between Incheon/Seoul airport and Pyeongchang for the 2018 Winter Olympics. There are more than hundred air flights from Japan to Korea Incheon/Seoul.

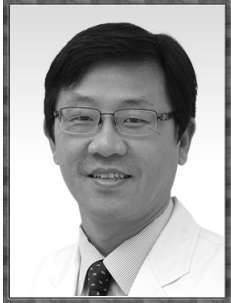
Through the years the congress has made great contributions to promote a close relationship between Korean and Japanese plastic surgeons. In 2016, MOU was signed between the two societies heightening collaboration and network. Through our efforts and collaboration, the two societies are undoubtedly standing at the forefront of plastic surgery in Asia and in the world.

Our 14th KJPRS congress will have 4 keynote speakers from Korea and Japan and 30 sessions including basic research, reconstruction and aesthetic surgery will also be covered. We are also planning to introduce sessions such as expert's master class, video sessions and fun activities for our Junior members and residents.

I look forward to seeing all of you in Pyeongchang.



Welcome Message



Dae Hyun Lew

Executive Vice President

of the 14th Korea-Japan Congress of Plastic and Reconstructive Surgery

On behalf of the Korean Society of Plastic and Reconstructive Surgeons, I'd like to welcome all of you to the 14th Korea-Japan Congress of Plastic and Reconstructive Surgery, which will be held at the Alpensia Resort in the county of Pyeongchang during June 3rd-5th, 2018. 'Alpensia' is a compound word for 'Alpen' (Alps in German) and 'Asia', meaning the 'Fantastic Alps in Asia', and is the world-class venue serving as home to the outdoor events of the 2018 Pyeongchang Winter Olympics.

The KSPRS is honored to host members of Japanese Society of Plastic and Reconstructive Surgery to this meeting. This congress will feature a myriad of presentations by Japanese and Korean plastic surgeons with wide range of experiences. The sessions will provide up-to-date knowledge to the attendees on current issues and ideas in the field of basic science research, trauma, reconstructive surgery, and craniofacial surgery. As aesthetic plastic surgery is yet another mainstream in today's plastic surgery, intriguing cosmetic sessions are included as well. Two societies will continue to closely collaborate each other to share the best research and clinical experiences. This meeting is another important opportunity to promote scientific exchanges and to reinforce mutual cooperation.

I look forward to seeing you in Alpensia, Pyeongchang

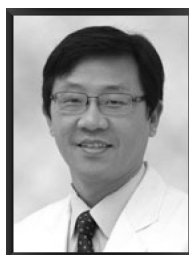
Please come and enjoy the meeting!



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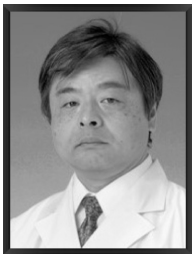
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Program Calender

June 3(Sun)				June 4(Mon)				June 5(Tue)			
Time	Room 1	Room 2	Room 3	Time	Room 1	Room 2	Room 3	Time	Room 1	Room 2	Room 3
08:30				07:30	Panel 7. Basic Research (1)	Panel 8. Facial Trauma	Free Paper 5. Microsurgery	08:00	Panel 11. Non-surgical Rejuvenation: Toxin, Filler & Laser	Free Paper 7. Skin Tumor	Free Paper 8. Basic Research
09:30				08:30	Keynote Lecture I			09:00	Keynote Lecture II		
10:30				09:30	Coffee Break			10:00	Coffee Break		
11:00				10:00	Panel 9. Basic Research (2)	Panel 10. Craniofacial Surgery	Free Paper 6. Hand Surgery	10:30	Panel 12. Blepharoplasty	Panel 13. Scar & Keloid	Free Paper 9. Breast Surgery (1)
12:00				11:00	Lunch			11:30	Panel 14. Facial Palsy	Panel 15. Wound Healing	Free Paper 10. Breast Surgery (2)
13:00				12:00	Official Networking Program			12:30	Luncheon Lecture		
13:30	Registration							13:30	Panel 16. Breast Augmentation	Panel 17. Bring Your Cases: Eye & Nose	Free Paper 11. Aesthetic Surgery
14:00	Free Paper 1. General Reconstruction (1)	Free Paper 2. Head & Neck Surgery	Free Paper 3. Wound Healing					14:30	Panel 18. Rhinoplasty	Panel 19. Aesthetic Surgery: Video Session	Free Paper 12. General Reconstruction (2)
15:00	Panel 1. Extremity Reconstruction	Panel 2. Head & Neck Surgery	Free Paper 4. Cleft Surgery					15:30	Coffee Break		
16:00	Coffee Break							16:00	Panel 20. Breast Reconstruction	Panel 21. Facial Contouring	Free Paper 13. Idea Innovation
16:30	Panel 3. Hand Surgery	Panel 4. Cleft Lip & Palate	(16:30-18:00) Quiz Contest for Residents					17:00	Panel 22. Body Contouring & Lipoplasty	Free Paper 14. Facial Trauma	Free Paper 15. Chronic Ulcer, Lymphatic Disorder
17:30	Panel 5. Chronic Ulcer, Lymphatic Disorder	Panel 6. Microsurgery						18:00			
18:30	Welcome Reception			19:00	Presidential Banquet			18:30	Farewell Party		



Social Program

Welcoming Reception

- Date. June 3(Sun), 2018 18:30
- Venue. Flavours Restaurant, Intercontinental Hotel, Alpensia Resort
- Menu. BBQ outside & Standing buffet

Presidential Banquet

- Date. June 4(Mon), 2018 19:00
- Venue. Alpensia Grand Ballroom (2F), Convention Center, Alpensia Resort
- Menu. Korean Fusion Cuisine

Farewell Party

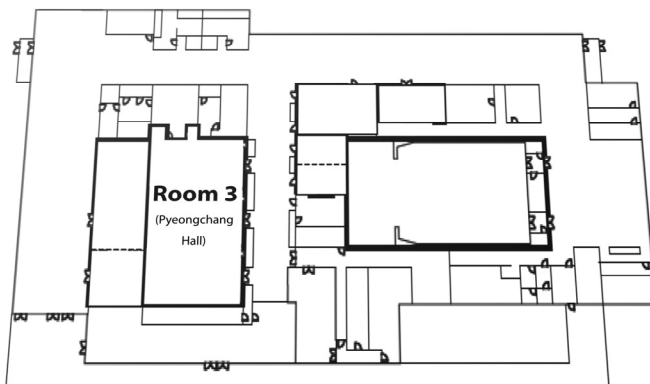
- Date. Jun 5(Tue), 2018 18:30
- Venue. Club Lounge (7F), Intercontinental Hotel, Alpensia Resort
- Menu. Cocktail Party



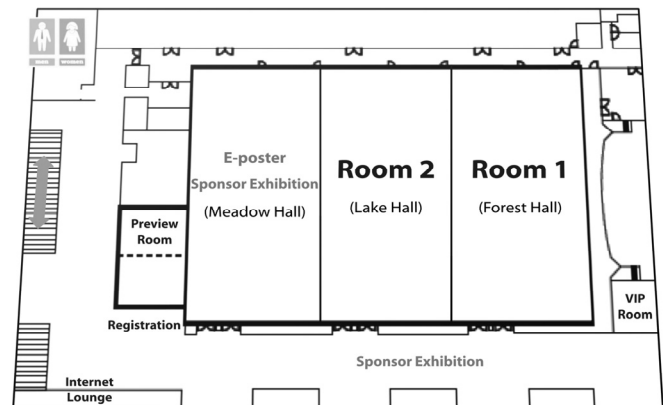
Floor Guide

Conference Room	Room name	Floor
Room 1	Forest Hall	2F
Room 2	Lake Hall	2F
Room 3	Pyeongchang Hall	1F
Preview Room	Asia	2F
E-poster Lounge	Meadow Hall	2F
VIP Room	VIP Room	2F
Registration	2F lobby	2F
Sponsor Exhibition	2F lobby & Meadow Hall	2F

1F



2F





Presentation Guideline

Presentation Time

Panel : 10 minutes (Panel discussion 20 minutes)

Free paper : 6 min. presentation / 2 min. discussion

Presentation guideline

1. Although it is a good idea to include a brief introduction and conclusion in addition to the core body, please avoid extensive explanations on the history or any well-known background information.
2. Please provide objective information only, and data that you can explain properly.
3. The quality of your presentation may diminish if you try to show too many graphs and tables within a short period of time.
4. Please do not exceed the presentation time assigned to you. It is a huge disrespect to the audience, the senior persons present, and the other presenters. Be sure to time your presentation during practice in advance.
5. However, you do have to give the audience time to understand each slide. The essentials of each graph and figure should be explained.
6. We recommend that each slide contain less than eight lines of text, or two graphs/figures or less. Be sure to make the font big enough for the audience to read.

Preview Room and Presentation progress guidance

1. Preview Room: **Asia (2nd floor)**
2. The room is there for you to check if your data is correct before the lecture(presentation).
3. A monitor and mouse will be provided at the presenter's seat.
(When indicating, please use the mouse and cursor on the screen instead of a laser pointer if possible.
If you need a laser pointer, please ask the host for one before your presentation.)
4. The presentation data you submit will be deleted after the congress is over.
5. A timer will be shown in the corner of the slides for smoother progression.



E-poster Guideline

E-poster announcement guidance

1. Your poster should contain the minimally required components; the objective, material, method, result, and conclusion. Even if your abstract has been selected, your poster can be excluded from display if it is in the wrong format.
2. E-poster Presentation Venue : **Meadow Hall (2nd floor)**



Congress APP Information



The 14th Korea-Japan Congress of Plastic and Reconstructive Surgery

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Scientific Program - Keynote Lecture

Keynote Lecture I

June 4 (Mon) 08:30-09:30 Room 1, 2

Moderators: **Yamamoto, Yuhei** (Hokkaido Univ., Japan)

Lew, Dae Hyun (Yonsei Univ., Korea)

1. *Efficacy of the pectoralis major myocutaneous flap (PMMC) for the head and neck reconstruction - Three types of the PMMC including the new one -*

Kensuke, Kiyokawa (Kurume Univ., Japan) / 44

2. *Managements of secondary deformity of cleft lip and nose*

Koh, Kyung Suck (Univ. of Ulsan, Korea) / 45

Keynote Lecture II

June. 5 (Tue) 09:00-10:00 Room 1, 2

Moderators: **Nakatsuka, Takashi** (Saitama Medical Univ., Japan)

Park, Seung Ha (Korea Univ., Korea)

1. *Functional and esthetic otoplasty for microtia patients*

Asato, Hirotaka (Dokkyo Medical Univ., Japan) / 50

2. *Refinement of Double eyelid fold operation and Blepharoptosis surgery*

Kim, Yong Bae (Soonchunhyang Univ., Korea) / 52



Scientific Program - Luncheon Lecture

Luncheon Lecture (Sponsored by Allergan)

June 5 (Tue) 12:30-13:30 Room 1, 2

1. *Direct-to-Implants as a frontline option for immediate breast reconstruction*

Eom, Jin Sup (Univ. of Ulsan, Korea) / 56

2. *Using the allergan implant portfolio in breast augmentation for maximal patient satisfaction*

Kim, Han Jo (Eight Aesthetic Plastic Surgery Clinic, Korea) / 57

Quiz Contest for Residents

Quiz Contest for Residents

June 3 (Sun) 16:30-18:00 Room 3

Moderators: **Motomura, Hisashi** (Osaka City Univ., Japan)

Bommie Florence Seo (The Catholic Univ. of Korea, Korea)

/ 519-529

Japan

Yuichi, Ichikawa (Shizuoka Cancer Center) / **Yoon, Yong** (Oita Univ.)

Maho, Ueda (Osaka City Univ.) / **Daiki, Kitano** (Kobe Univ.)

Korea

Park, Chung Youl (Korea Univ.) / **Kim, Jun Hyeok** (The Catholic Univ. of Korea)

Eom, Ye Seul (Sungkyunkwan Univ.) / **Oh, Jeong Seok** (Hanyang Univ.)



Scientific Program - Panel

Panel 1. Extremity Reconstruction

June 3 (Sun) 15:00-16:00 Room 1

Moderators: **Hashimoto, Ichiro** (Tokushima Univ., Japan)

Chung, Yoon Kyu (Yonsei Univ. Wonju College of Medicine, Korea)

1. *Treatment strategies for severe extremity injury: Applications of NPWT during surgery waiting periods*
Morinaga, Eri (Fukuoka Univ., Japan) / 62
2. *Personal strategy of the flap choice for various type of the defect in Lower extremity*
Ki, Sae Hwi (Inha Univ., Korea) / 63
3. *Limb salvage for diabetic foot ulcer using microsurgical reconstruction*
Abe, Yoshiro (Tokushima Univ., Japan) / 64
4. *Vein conduit for end-to-side anastomosis to a severe and circumferentially calcified vessel in Lower extremity free flap*
Moon, Suk Ho (The Catholic Univ. of Korea, Korea) / 66

Panel 2. Head & Neck Surgery

June 3 (Sun) 15:00-16:00 Room 2

Moderators: **Sakuraba, Minoru** (Iwate Medical Univ., Japan)

Yun, In Sik (Yonsei Univ., Korea)

1. *Surgical strategy for reconstruction of oncological mandibular defects: Mandibular reconstruction plate versus soft-tissue free flap reconstruction*
Higashino, Takuya (National Cancer Center Hosp. East, Japan) / 72
2. *Complications and functional outcomes after hypopharyngeal reconstruction*
Chung, Chul Hoon (Hallym Univ., Korea) / 74
3. *Microvascular reconstruction for total or subtotal glossectomy*
Hyodo, Ikuo (Aichi Cancer Center Hosp., Japan) / 76
4. *Functional reconstruction of oropharyngeal defect*
Tak, Min Sung (Soonchunhyang Univ., Korea) / 77



Panel 3. Hand Surgery

June 3 (Sun) 16:30-17:30 Room 1

Moderators: **Tanaka, Katsumi** (Nagasaki Univ., Japan)
Kim, Woo Kyung (Korea Univ., Korea)

1. *Lateral Zig-Zag incision approach of reverse digital artery island flap*
Shimada, Kenichi (Kanazawa Medical Univ., Japan) / 82
2. *Fingertip reconstruction using the hypothenar perforator free flap*
Kim, Kwang Seog (Chonnam National Univ., Korea) / 85
3. *Microsurgical flaps in repair and reconstruction of the hand*
Ono, Shimpei (Nippon Medical School, Japan) / 86
4. *Nail reconstruction*
Kim, Jin Soo (Sung Ae General Hosp., Korea) / 87

Panel 4. Cleft Lip & Palate

June 3 (Sun) 16:30-17:30 Room 2

Moderators: **Oyama, Akihiko** (Fukushima Medical Univ., Japan)
Koh, Kyung Suck (Univ. of Ulsan, Korea)

1. *Single-stage direct repair for unilateral cleft lip, alveolus and palate: Pre-surgical orthodontics and surgical procedure*
Oyama, Akihiko (Fukushima Medical Univ., Japan) / 92
2. *Cleft-orthognathic surgery*
Kim, Suk Wha (Seoul National Univ., Korea) / 93
3. *Median tubercle plasty in cleft lip*
Fumio, Nagai (Shinshu Univ., Japan) / 95
4. *Rhinoplasty in cleft patients*
Bae, Yong Chan (Pusan National Univ., Korea) / 97



Panel 5. Chronic Ulcer, Lymphatic Disorder

June 3 (Sun) 17:30-18:30 Room 1

Moderators: **Kazuhiro, Toriyama** (Nagoya City Univ., Japan)
Chang, Hak (Seoul National Univ., Korea)

1. *Efferent lymphatic anastomosis in lymphatic microsurgery*
Akita, Shinsuke (Chiba Univ., Japan) / 102
2. *Lymphovenous anastomosis bypass surgery for lymphedema treatment*
Choi, Dong Hoon (Gangneung Asan Hosp., Korea) / 104
3. *The comparison in multi-institutional results of lymphovenous anastomosis*
Hideyoshi, Sato (Nagoya City Univ., Japan) / 106
4. *Axillary lymph node transfer to medial thigh* **Kim, Deok Woo** (Korea Univ., Korea) / 107

Panel 6. Microsurgery

June 3 (Sun) 17:30-18:30 Room 2

Moderators: **Kamei, Yuzuru** (Nagoya Univ., Japan)
Kim, Kwang Seog (Chonnam National Univ., Korea)

1. *Free flap reconstruction after malignant tumor resection in upper and lower extremity*
Takanari, Keisuke (Nagoya Univ., Japan) / 112
2. *Thin flap elevation* **Suh, Hyun Suk** (Univ. of Ulsan, Korea) / 114
3. *Three dimensional reconstruction for vascular malformation with using superficial circumflex iliac artery perforator flaps* **Mitsunaga, Narushima** (Mie Univ., Japan) / 116
4. *Functional surgery in acral melanoma: Role of thinned perforator flap*
Mun, Goo Hyun (Sungkyunkwan Univ., Korea) / 118



Panel 7. Basic Research (1)

June 4 (Mon) 07:30-08:30 Room 1

Moderators: **Hiroshi, Mizuno** (Juntendo Univ., Japan)
Lee, Won Jai (Yonsei Univ., Korea)

1. *Investigation of mechanoregulation of angiogenesis in wound healing using non-contact ultrasound device* **Takada, Hiroya** (Nippon Medical School, Japan) / 122
2. *Synergistic surface modification of silicone implant to suppress capsular contracture* **Heo, Chan Yeong** (Seoul National Univ., Korea) / 124
3. *A transplanted lymph node has immune-mediated antitumor effect* **Maeda, Taku** (Hokkaido Univ., Japan) / 126
4. *Tracing adipose-derived stromal cells after cell-assisted lipotransfer* **Hong, Ki Yong** (Dongguk Univ., Korea) / 127

Panel 8. Facial Trauma

June 4 (Mon) 07:30-08:30 Room 2

Moderators: **Miyawaki, Takeshi** (The Jikei Univ., Japan)
Lee, Byun Il (Korea Univ., Korea)

1. *Functional reconstruction of post-traumatic nasal deformity by hanging the septal cartilage down from split rib bone graft* **Miyawaki, Takeshi** (The Jikei Univ., Japan) / 132
2. *Reconstruction of medial orbital wall fractures using "inlay implanting technique" and "push-out technique"* **Kim, Yong Ha** (Yeungnam Univ., Korea) / 133
3. *The treatment strategy of facial fractures including anterior skull base injuries* **Hashiguchi, Shin-ichiro** (Kurume Univ., Japan) / 135
4. *Radiological morphometric analysis of the zygomatic arch: Application of osteosynthesis on the upper arch border for rigid fixation* **Lee, Byung Il** (Korea Univ., Korea) / 136



Panel 9. Basic Research (2)

June 4 (Mon) 10:00-11:00 Room 1

Moderators: **Isogai, Noritaka** (Kindai Univ., Japan)

Bae, Yong Chan (Pusan National Univ., Korea)

1. *Preliminary study of nanofiber to prevent postoperative seroma following LD transfer*
Itani, Yoshihito (Kindai Univ., Japan) / 142
2. *Adipose-derived stem cells after radiation* **Son, Dae Gu** (Keimyung Univ., Korea) / 143
3. *Autologous elastic cartilage regeneration for plastic surgery*
Kagimoto, Shintaro (Yokohama City Univ., Japan) / 145
4. *Introduction of Korean plastic research council*
Kim, Woo Seob (Chungang Univ., Korea) / 148

Panel 10. Craniofacial Surgery

June 4 (Mon) 10:00-11:00 Room 2

Moderators: **Komuro, Yuzo** (Teikyo Univ., Japan)

Baek, Rong-min (Seoul National Univ., Korea)

1. *Posterior cranial vault distraction osteogenesis with barrel stave osteotomy in the treatment of craniosynostosis: Operative technique and outcome*
Komuro, Yuzo (Teikyo Univ., Japan) / 154
2. *Principle of Craniofacial surgery* **Baek, Rong-min** (Seoul National Univ., Korea) / 156
3. *Significance of midfacial distraction for infants with Syndromic Craniosynostosis*
Mitsukawa, Nobuyuki (Chiba Univ., Japan) / 157
4. *How to maximize the benefits of the craniofacial distraction?*
Choi, Jong Woo (Univ. of Ulsan, Korea) / 159



Panel 11. Non-surgical Rejuvenation: Toxin, Filler & Laser

June 5 (Tue) 08:00-09:00 Room 1

Moderators: **Akamatsu Tadashi** (Tokai Univ., Japan)

Park, Jae Woo (Dr. Park's Aesthetic Plastic Surgical Clinic, Korea)

1. *Skin rejuvenation using picosecond lasers* **Kono, Taro** (Tokai Univ., Japan) / 164
2. *Simultaneous combination treatment with MFU and fractional CO2 resurfacing for facial rejuvenation* **Park, Eun Soo** (Soonchunhyang Univ., Korea) / 165
3. *Long-term results of platelet rich plasma with basic-Fibroblast growth factor for wrinkles and depressed areas* **Tatsuro, Kamakura** (Seishin Plastic and Aesthetic Surgery Clinic, Japan) / 167
4. *Contouring of the lower leg with Botulinum toxin A* **Ahn, Ki Young** (Dr. Ahn's Aesthetic & Plastic Surgical Clinic, Korea) / 169

Panel 12. Blepharoplasty

June 5 (Tue) 10:30-11:30 Room 1

Moderators: **Hayashi, Ayato** (Juntendo Univ., Japan)

Kim, Woo Seob (Chungang Univ., Korea)

1. *Post-operative changes of patients with asymmetrical aponeurotic blepharoptosis* **Yuzuriha, Shunsuke** (Shinshu Univ., Japan) / 174
2. *Correction of severe asymmetric ptosis developed after eyelid surgery* **Hong, Sung Pio** (Bio Aesthetic Plastic Surgery Clinic, Korea) / 176
3. *Non-incisional blepharoptosis correction* **Shimizu, Yusuke** (Ryukyu Univ., Japan) / 178
4. *Balanced expansion of eye for beautiful eyes* **Kim, Min Soo** (Yonsei ENB Aesthetic Plastic Surgery Clinic, Korea) / 180



Panel 13. Scar & Keloid

June 5 (Tue) 10:30-11:30 Room 2

Moderators: **Ogawa, Rei** (Nippon Medical School, Japan)

Kim, Young Jin (The Catholic Univ. of Korea, Korea)

1. *How have we treated keloids?*

Yamawaki, Satoko (Japanese Red Cross Fukui Hosp., Japan) / 186

2. *Suspicious substance involved in keloid formation*

Kim, Soon Heum (Konkuk Univ., Korea) / 188

3. *Recent progress on Keloid and Hypertrophic scar treatment*

Ogawa, Rei (Nippon Medical School, Japan) / 189

4. *Regenerative scarless healing of scalp donor wounds after harvesting Medium or Thick Split-thickness skin grafts*

Oh, Suk Joon (Bestian Hosp., Korea) / 190

5. *ExtraleSIONal cryotherapy for keloid treatment*

Lee, Won Jai (Yonsei Univ., Korea) / 192

Panel 14. Facial Palsy

June 5 (Tue) 11:30-12:30 Room 1

Moderators: **Matsuda, Ken** (Niigata Univ., Japan)

Tak, Min Sung (Soonchunhyang Univ., Korea)

1. *Combination of hypoglossal nerve and masseter nerve transfers for acute to subacute facial paralysis*

Hayashi, Ayato (Juntendo Univ. Urayasu Hosp., Japan) / 198

2. *New Facial reanimation method via intraoral temporalis transfer for facial nerve palsy*

Park, Seung Ha (Korea Univ., Korea) / 200

3. *One-stage facial reanimation of complete established facial paralysis using free latissimus dorsi-serratus anterior combined muscle transfer with dual innervation for improving the Quality of smile*

Watanabe, Yorikatsu (Tokyo Metropolitan Police Hosp., Japan) / 202

4. *Optimizing aesthetic outcome in facial palsy reconstruction*

Oh, Tae Suk (Univ. of Ulsan, Korea) / 204



Panel 15. Wound Healing

June 5 (Tue) 11:30-12:30 Room 2

Moderators: **Shimada, Kenichi** (Kanazawa Medical Univ., Japan)

Jun, Young Joon (The Catholic Univ. of Korea, Korea)

1. *A perifascial areolar tissue graft with administration of basic fibroblast growth factor for treatment of wounds with exposed tendon and/or bones*

Miyanaga, Toru (Kanazawa Medical Univ., Japan) / 210

2. *Practical wound GUIDELINE: Introduction of DIRECT coding system*

Jun, Young Joon (The Catholic Univ. of Korea, Korea) / 211

3. *Efficacy of the intra-wound continuous negative pressure and irrigation treatment (IW-CONPIT) for the severe infections wounds*

Morinaga, Keigo (Kurume Univ., Japan) / 215

4. *The use of Acellular Dermal Matrix (ADM) paste for treatment of DM foot wounds*

Shin, Dong Hyeok (Konkuk Univ., Korea) / 217

Panel 16. Breast Augmentation

June 5 (Tue) 13:30-14:30 Room 1

Moderators: **Yoshimura, Kotaro** (Jichi Medical Univ., Japan)

Roh, Tai Suk (Yonsei Univ., Korea)

1. *Prepectoral breast augmentation* **Sim, Hyung Bo** (Soonchunhyang Univ., Korea) / 222

2. *Selective use of fat grafting and implant for breast augmentation/reconstruction in Asians*

Yoshimura, Kotaro (Jichi Medical Univ., Japan) / 224

3. *How to set the implant location*

Ock, Jae Jin (THE Plastic Surgery Aesthetic Clinic, Korea) / 225

4. *Minimally invasive Breast augmentation; Is it real?*

Yoon, Won June (Migo Aesthetic Plastic Surgery Clinic, Korea) / 226



Panel 17. Bring Your Cases: Eye & Nose

June 5 (Tue) 13:30-14:30 Room 2

Moderators: **Shimizu, Yusuke** (Ryukyu Univ., Japan)
Dhong, Eun Sang (Korea Univ., Korea)

1. *Physiology-based eyelid surgery for atypical ptosis cases*
Kanazawa, Yuichiro (Chiba Univ., Japan) / 232
2. *Emergency transferred cases during eyelid surgery*
Shin, Yong Ho (Bio Aesthetic Plastic Surgery Clinic, Korea) / 234
3. *Collection of cleft lip nose deformity in our Hospital*
Inoue, Yoshikazu (Fujita Health Univ., Japan) / 235
4. *Appropriate use of artificial implant for rhinoplasty*
Kim, Jae Hoon (April 31 Aesthetic Plastic Surgery Clinic, Korea) / 236

Panel 18. Rhinoplasty

June 5 (Tue) 14:30-15:30 Room 1

Moderators: **Watanabe, Yorikatsu** (Tokyo Metropolitan Police Hosp., Japan)
Uhm, Ki Il (Hallym Univ., Korea)

1. *Rhinoplasty for the nasal envelope*
Takaaki, Muro (Bespoke Clinic, Japan) / 242
2. *Septal L-strut extension graft*
Dhong, Eun Sang (Korea Univ., Korea) / 243
3. *Japanese preference for aesthetic rhinoplasty*
Kazuaki, Yamaguchi (Shonan Beauty Clinic, Japan) / 245
4. *Rein-shaped columellar strut graft for tip projection*
Suh, Man Koon (JW Plastic Surgery Clinic, Korea) / 247



Panel 19. Aesthetic Surgery: Video Session

June 5 (Tue) 14:30~15:30 Room 2

Moderators: **Yamamoto, Yuhei** (Hokkaido Univ., Japan)
Kim, Yong Bae (Soonchunhyang Univ., Korea)

1. *Inverted nipple correction with SAKAI method* **Sakai, Shigeki** (Keio Univ. Hosp., Japan) / 252
2. *Ptosis correction: Underthrough levator complex plication technique*
Cho, In Chang (Bio Aesthetic Plastic Surgery Clinic, Korea) / 254
3. *How to make ideal contour of the face by filler* **Iwaki, Katsumi** (Iwaki Clinic, Japan) / 256
4. *Septal integration graft (SIG)* **Han, Ki Hwan** (Keimyung Univ., Korea) / 257

Panel 20. Breast Reconstruction

June 5 (Tue) 16:00-17:00 Room 1

Moderators: **Satake, Toshihiko** (Yokohama City Univ., Japan)
Park, Myong Chul (Ajou Univ., Korea)

1. *The role of fat grafting in breast reconstruction* **Tomita, Koichi** (Osaka Univ., Japan) / 264
2. *Contralateral balancing in unilateral implant breast reconstruction*
Yoon, Eul Sik (Korea Univ., Korea) / 266
3. *Long-term changes and repairs after breast reconstruction*
Terao, Yasunobu (Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hosp., Japan) / 269
4. *Maximizing aesthetic outcomes in DIEP flap breast reconstruction*
Eom, Jin Sup (Univ. of Ulsan, Korea) / 271



Panel 21. Facial Contouring

June 5 (Tue) 16:00-17:00 Room 2

Moderators: **Mitsukawa, Nobuyuki** (Chiba Univ., Japan)

Cho, Byung Chae (Kyungpook National Univ., Korea)

1. *Facial bone contouring surgery based on Surgery-First orthognathic surgery for Congenital/Dentofacial deformity, Aesthetics and Obstructive Sleep Apnea*
Watanabe, Yorikatsu (Tokyo Metropolitan Police Hosp., Japan) / 276
2. *Three dimensional Mandible reduction*
Seok, Yoon (Pladen Aesthetic Plastic Surgery Clinic, Korea) / 278
3. *Facial contouring without surgical operation: How can the treatment device catch up with the cosmetic surgery?*
Ito, Ayako (Ayako Ito Clinic, Japan) / 280
4. *Facial asymmetry correction*
Chung, Jai Ho (Profile Hosp., Korea) / 281

Panel 22. Body Contouring & Lipoplasty

June 5 (Tue) 17:00-18:00 Room 1

Moderators: **Takeda, Akira** (Kitasato Univ., Japan)

Jeong, Jae Ho (Oblige Aesthetic Plastic Surgical Clinic, Korea)

1. *Skin reduction surgery on excess skin after rapid weight loss*
Shimakura, Yasuhito (Kitasato Institute Hosp., Japan) / 286
2. *Liposuction of the thigh*
Park, Jae Woo (Dr. Park's Aesthetic Plastic Surgical Clinic, Korea) / 288
3. *Liposuction of upper arm*
Kazumi, Kato (Kato Clinic Azabu, Japan) / 289
4. *Lipoplasty on hip area* **Seo, Seong Ik** (Uvom Aesthetic Plastic Surgery Clinic, Korea) / 290



- FP-2-3 *Pectoralis major musculocutaneous flap with a midline sternal skin paddle for head and neck reconstruction: A new design*
Jeong Seok Oh (Hanyang Univ., Korea) / 306
- FP-2-4 *Retrospective analysis of clinical factors among patients with congenital muscular torticollis treated with surgical release* **Kwang Sik Jeong** (Ajou Univ., Korea) / 308
- FP-2-5 *Antitragicus muscle resection is a key to correction of protruding earlobes*
Daichi Morioka (Showa Univ., Japan) / 310
- FP-2-6 *Immediate reconstruction of amputated ear with fascia flap*
Beom Jun Kim (Korea Univ., Korea) / 311
- FP-2-7 *Spindle cell myoepithelioma of the parotid gland*
Suk Joon Oh (Bestain Seoul Hosp., Korea) / 313

Free Paper 3. Wound Healing

June 3 (Sun) 14:00-15:00 Room 3

Moderators: **Morinaga, Keigo** (Kurume Univ., Japan)
Son, Dae Gu (Keimyung Univ., Korea)

- FP-3-1 *Distribution assessment of instillation in negative pressure wound therapy according to port installment depth using an agar-based model*
Joo Sung Jung (Dankook Univ., Korea) / 318
- FP-3-2 *Comparison of clinical outcomes of V.A.C. ULTA™ therapy system vs standard negative pressure wound therapy*
Akiko Shoji (Uji-Tokushukai Medical Center, Japan) / 320
- FP-3-3 *Influence of peripheral neuropathy and microangiopathy on skin hydration in diabetic foot patients*
Sik Namgoong (Korea Univ., Korea) / 321
- FP-3-4 *Absolute value evaluation of keloid's hardness by strain elastography with the acoustic coupler (aging-curve of the elastography score on the normal precordia skin)*
Gan Muneuchi (Osaka Saiseikai Nakatsu Hosp., Japan) / 322
- FP-3-5 *More severe wounds applied to the negative pressure wound therapy system with instillation*
Yoichi Nishii (Uji-Tokushukai Medical Center, Japan) / 323
- FP-3-6 *The efficacy and safety of 830 nm light-emitting diode phototherapy for wound healing in standardized skin graft donor sites: A multi-center, randomized and controlled double-blinded study*
Yeo Reum Jeon (National Health Insurance Service Ilsan Hosp., Korea) / 324



Free Paper 4. Cleft Surgery

June 3 (Sun) 15:00-16:00 Room 3

Moderators: **Yuzuriha, Shunsuke** (Shinshu Univ., Japan)
Lim, So Young (Sungkyunkwan Univ., Korea)

- FP-4-1 *A new all purpose bilateral cleft lip repair: Bilateral cheiloplasty suitable for most conditions* **Bassem Elfeki** (Seoul National Univ., Korea) / 328
- FP-4-2 *Lateral lip element sacrificed in primary repair of unilateral cleft lip: Estimation on three-dimensional images* **Sawa Minohara** (Showa Univ., Japan) / 329
- FP-4-3 *Speech outcomes in submucous cleft palate: Timing of operation and the importance of speech therapy* **Guang Lin** (Seoul National Univ., Korea) / 330
- FP-4-4 *Incidence and factors of palatal fistula after primary palatoplasty as the medical cooperation in madagascar* **Yasuyoshi Tosa** (Showa Univ., Japan) / 331
- FP-4-5 *Straight line repair of complete cleft lip with muscle rearrangement* **Jeong Hyun Ha** (Seoul National Univ. Hosp., Korea) / 332
- FP-4-6 *The correlation between speech outcomes and the amount of maxillary advancement after orthognathic surgery (Le fort I conventional osteotomy and distraction osteogenesis) in patients with cleft lip and palate* **Youn Taek Koo** (Seoul National Univ. Hosp., Korea) / 333

Free Paper 5. Microsurgery

June 4 (Mon) 07:30-08:30 Room 3

Moderators: **Sekido, Mitsuru** (Univ. of Tsukuba, Japan)
Kang, Sang Yoon (Kyunghee Univ., Korea)

- FP-5-1 *The originating pattern of deep inferior epigastric artery: Anatomical study and clinical considerations for reconstruction* **Jae Hoon Jeong** (Seoul National Univ., Korea) / 338
- FP-5-2 *Algorithmic guide for flap selection in reconstructing multiple digital hand defects in the era of advanced microsurgery and unlimited flap options* **Nedhal Abdullah Alqu** (Gwang Myeong Sung Ae General Hosp., Korea) / 339
- FP-5-3 *Postoperative percutaneous angioplasty - life boat for salvage the free flap* **Ik Hyun Seong** (Ewha Woman's Univ., Korea) / 340



- FP-5-4 *Use of the biopsy punch for end-to-side anastomosis in free tissue transfer of head and neck reconstruction* **Ki-Jae Kim** (Korea Univ., Korea) / 342
- FP-5-5 *The long-term results of the free neuromuscular transfer in chronic facial palsy patients* **Ki Young Ahn** (Dr. Ahn's Plastic & Aesthetic Surgical Clinic, Korea) / 344
- FP-5-6 *Small lateral arm free flap* **Hyung Mook Kim** (Inha Univ., Korea) / 345

Free Paper 6. Hand Surgery

June 4 (Mon) 10:00-11:00 Room 3

Moderators: **Yokota, Kazunori** (Hiroshima Univ., Japan)
Kim, Byung Jun (Seoul National Univ., Korea)

- FP-6-1 *Volar plate avulsion fracture with or without collateral ligament injury in PIPJ* **Il Ou Park** (Gwang Myeong Sung Ae General Hosp., Korea) / 350
- FP-6-2 *Artery-only fingertip replantation without external bleeding* **Young Kee You** (Gwang Myeong Sung Ae General Hosp., Korea) / 352
- FP-6-3 *Analysis of the risk factors that determine composite graft survival for fingertip amputation* **Gyunghyun Doh** (Dongguk Univ., Korea) / 353
- FP-6-4 *Anatomical study of the first dorsal extensor compartment for the treatment of de quervain's disease* **Seung Hwan Hwang** (Dongguk Univ., Korea) / 355
- FP-6-5 *Reconstruction of all fingertip necrosis using modified louvre flap: A case report* **Joon Seok Lee** (Kyungpook National Univ., Korea) / 357

Free Paper 7. Skin Tumor

June 5 (Tue) 08:00-09:00 Room 2

Moderators: **Terashi, Hiroto** (Kobe Univ. Hosp., Japan)
Na, Young Cheon (Wonkwang Univ., Korea)

- FP-7-1 *Minimally invasive surgery for insulin-derived amyloidosis (insulin ball) in consideration of physical appearance* **Soichi Tomita** (Saiseikai Nakatsu Hosp., Japan) / 362



- FP-7-2 *Intraosseous hemangioma of the orbit*
June Seok Choi (Pusan National Univ. Hosp., Korea) / 363
- FP-7-3 *Lipoma: A review of 209 cases performed over 5 years*
Han Gyeol Lee (Chonnam National Univ., Korea) / 364
- FP-7-4 *Primary extracranial meningioma presenting as a forehead mass*
Seum Chung (National Health Insurance Service Ilsan Hosp., Korea) / 365
- FP-7-5 *Frontalis musculocutaneous flap for coverage of temporal skin defect with facial nerve paralysis*
Jumpei Wato (Kitasato Univ., Japan) / 367

Free Paper 8. Basic Research

June 5 (Tue) 08:00-09:00 Room 3

Moderators: **Kishi, Kazuo** (Keio Univ., Japan)
Song, Seung Yong (Yonsei Univ., Korea)

- FP-8-1 *Direct conversion of human fibroblasts into schwann cells that facilitate regeneration of injured peripheral nerve*
Yoshihiro Sowa (Kyoto Prefectural Univ., Japan) / 372
- FP-8-2 *Effect of ginsenoside Rg3 on apoptosis in human malignant melanoma cells*
Seong Hwan Bae (Pusan National Univ. Hosp., Korea) / 373
- FP-8-3 *Cryopreserved umbilical cord derived mesenchymal stromal cells have osteogenic potency as the source of osteogenic regenerative medicine*
Kyoko Baba (Kitasato Univ., Japan) / 374
- FP-8-4 *The therapeutic effects of catechol-functionalized hyaluronic acid patch combined with mesenchymal stem cells in diabetic wound mouse*
Hyo Jin Kang (Seoul National Univ., Korea) / 376
- FP-8-5 *Diabetic foot osteomyelitis is caused by direct bacterial invasion through the vessel lumina in the epiphysis* **Miki Fujii** (Kitaharima Medical Center, Japan) / 377
- FP-8-6 *Brown adipocytes cultured with splenocytes maintain regulatory T cell subset in intermittent hypobaric condition* **Myung Chul Lee** (Konkuk Univ., Korea) / 378



Free Paper 9. Breast Surgery (1)

June 5 (Tue) 10:30-11:30 Room 3

Moderators: **Kakibuchi, Masao** (Hyogo College of Medicine, Japan)

Kang, Sang Gue (Soonchunhyang Univ., Korea)

- FP-9-1 *Risk factors for implant malrotation in two-staged implant based breast reconstruction* **Jae Min Lee** (Korea Univ., Korea) / 384
- FP-9-2 *Our experience of prepectoral ADM-assisted breast reconstruction technique using complete breast implant coverage* **Jeung Ryeol Eom** (Kyungpook National Univ., Korea) / 385
- FP-9-3 *Breast reconstruction surgery assist system using projection mapping* **Hikaru Yaginuma** (Tokyo Denki Univ., Japan) / 387
- FP-9-4 *Relationship between BMI and the volume discrepancy among patients undergoing breast reconstruction with extended latissimus dorsi musculocutaneous flap* **Jun Hyeok Kim** (The Catholic Univ. of Korea, Korea) / 388
- FP-9-5 *Retention of a reconstructed nipple using a C-V flap with different layer thicknesses in the C-flap* **Yoshihiro Sowa** (Kyoto Prefectural Univ., Japan) / 390
- FP-9-6 *Volume change of muscle and fat portion of pedicled latissimus dorsi myocutaneous flap after partial breast reconstruction* **Chang Min Kang** (Daegu Catholic Univ., Korea) / 391

Free Paper 10. Breast Surgery (2)

June 5 (Tue) 11:30-12:30 Room 3

Moderators: **Yasuda, Hiroshi** (Univ. of Occupational and Environmental Health, Japan)

Oh, Deuk Young (The Catholic Univ. of Korea, Korea)

- FP-10-1 *Comparison of volume changes in TRAM flap and contralateral breast following hormonal therapy* **Yong June Kim** (Seoul National Univ., Korea) / 396
- FP-10-2 *Incidental finding of subclavian artery occlusion and hypoplastic internal mammary artery for a recipient vessel in DIEP flap breast reconstruction: A case report* **Ik Hyun Seong** (Ewha Woman's Univ., Korea) / 397
- FP-10-3 *DIEP flaps bilateral breast reconstruction in patients with metachronal breast cancer* **Saaya Kobayashi** (Yokohama City Univ., Japan) / 399



- FP-10-4 *Methicillin-resistant staphylococcus aureus following leech application at the congested flap after a mastectomy* **Hyung Mook Kim** (Inha Univ., Korea) / 400
- FP-10-5 *The island TRAM flap: Modification of the pedicled TRAM flap for better aesthetic and more reliable outcome* **Jung Soo Yoon** (Hanyang Univ., Korea) / 401
- FP-10-6 *The impact of hormonal therapy and other adjuvant therapies on contralateral breast volume change in patients with implant based breast reconstruction* **Jung Youl Park** (Korea Univ., Korea) / 404

Free Paper 11. Aesthetic Surgery

June 5 (Tue) 13:30-14:30 Room 3

Moderators: **Rikimaru, Hideaki** (Kurume Univ., Japan)
Eo, Su Rak (Dongguk Univ., Korea)

- FP-11-1 *Repositioning of the orbital septum using inverted t-shaped plication* **Do Van Tu** (Seoul National Univ., Korea) / 408
- FP-11-2 *IgG4-related Mikulicz's disease involving enlarged lacrimal glands: A case report* **Kazuno Moriyama** (Kitasato Univ., Japan) / 409
- FP-11-3 *Subcutaneous Z-plasty for repairing acquired cleft earlobe* **Seum Chung** (National Health Insurance Service Ilsan Hosp., Korea) / 410
- FP-11-4 *Objective measurement of the eyelid after double eyelidplasty* **Seung Hun Yeo** (Daegu Catholic Univ., Korea) / 412
- FP-11-5 *How to reduce postoperative discomfort after non-incisional blepharoptosis repair* **Jung Kyu Han** (B.A.E. Plastic Surgery Clinic, Korea) / 413

Free Paper 12. General Reconstruction (2)

June 5 (Tue) 14:30-15:30 Room 3

Moderators: **Taro, Kono** (Tokai Univ., Japan)
Kim, Young Seok (Yonsei Univ., Korea)

- FP-12-1 *Evaluation of the donor site after the median forehead flap* **June Seok Choi** (Pusan National Univ. Hosp., Korea) / 418



- FP-12-2 *Experiences using purse-string suture method for skin and soft-tissue defects*
Jin Soo Kim (Daegu Fatima Hosp., Korea) / 419
- FP-12-3 *Retrospective review of clinical characteristics of cervicofacial venous malformations*
Jin Soo Kim (Daegu Fatima Hosp., Korea) / 421
- FP-12-4 *Versatility of reverse sural fasciocutaneous flap for reconstruction of the lower leg defect caused by chronic osteomyelitis*
Han-Byeol Jin (Myong-Ji Hosp., Korea) / 423
- FP-12-5 *Functional and aesthetic reconstruction of shoulder using pedicled LD flap after wide resection of sarcoma and tuberculosis infected rheumatoid arthritis wound*
Jeong Seok Oh (Hanyang Univ., Korea) / 424

Free Paper 13. Idea Innovation

June 5 (Tue) 16:00-17:00 Room 3

Moderators: **Yamawaki, Satoko** (Japanese Red Cross Fukui Hosp., Japan)

Hong, Jong Won (Yonsei Univ., Korea)

- FP-13-1 *Repeatable queek releasing tie-over dressing with shoestring sutures*
Changho Chung (Euiji Univ., Korea) / 430
- FP-13-2 *The necessity of 'No Touch' technique using 'Art Funnel' during implantation in reconstructive breast surgery*
Hyeon-Uk Jang (Inje Univ., Korea) / 431
- FP-13-3 *Retroseptal transconjunctival approach for orbital floor - An ideal innovation or not?* **Chihiro Takeuchi** (Saga-Ken Medical, Japan) / 433
- FP-13-4 *Closure of full-thickness scalp burn during hair coloring using a simple skin-stretching method*
Suk Joon Oh (Bestian Seoul Hosp., Korea) / 434
- FP-13-5 *Use of De-epithelialized dermal flap for nipple reconstruction: A modified star flap*
Su-Hyun Lee (Korea Univ., Korea) / 435
- FP-13-6 *Double powered free gracilis muscle transfer for long standing facial palsy*
Miyuki Uehara (Oita Univ., Japan) / 437



Free Paper 14. Facial Trauma

June 5 (Tue) 17:00-18:00 Room 2

Moderators: **Shimizu, Fumiaki** (Oita Univ., Japan)

Yang, Wan Suk (Dongkang Hosp., Korea)

- P-14-1 *Clinical significance of trigeminal somatosensory evoked potential test in mid-face fracture: Preliminary report I*
Woo Taik Hong (Yonsei Univ. Wonju College of Medicine, Korea) / 442
- FP-14-2 *Comparison study of absorbable plate with and without β -tricalcium phosphate (TCP) for internal fixation of ZMC fracture*
Seung Gyun Chu (Kyungpook National Univ., Korea) / 443
- FP-14-3 *A reduction technique for depressed medial maxillary fractures*
Kun Hwang (Inha Univ., Korea) / 445
- FP-14-4 *Another way to orbital floor reconstruction: Expansion orbitotomy*
Man Ki Choi (Yeungnam Univ., Korea) / 446
- FP-14-5 *A retrospective analysis of facial injuries in motor vehicle accidents according to the location of the seat and seat-belt use*
Non Hyeon Ha (Ajou Univ., Korea) / 448
- FP-14-6 *Experiences of orbital floor restoration using the foley catheter ballooning technique*
Bo Hwan Cha (Ajou Univ., Korea) / 451
- FP-14-7 *Modified reduction of the isolated anterior wall of the maxillary sinus fracture with double urinary balloon catheters and fibrin glue*
Cho Long Lee (Eulji Univ., Korea) / 453



Free Paper 15. Chronic Ulcer, Lymphatic Disorder

June 5 (Tue) 17:00-18:00 Room 3

Moderators: **Uemura, Tetsuji** (Saga Univ., Japan)
Kim, Deok Woo (Korea Univ., Korea)

- FP-15-1 *Lymphatic vessel mapping in the upper & lower extremities of a healthy korean population*
Yun Whan Lee (Korea Univ., Korea) / 458
- FP-15-2 *Water reductive effect of lymphaticovenular anastomosis using bioelectrical impedance analysis*
Yoshichika Yasunaga (Shinshu Univ., Japan) / 461
- FP-15-3 *Real-time imaging of lymphatic vessels using an LED-based photoacoustic/ultrasound imaging system in lymphedema patients*
Tetsuji Uemura (Saga Univ., Japan) / 462
- FP-15-4 *Treatment of chronic radiation ulcer with fat grafting: A clinical report of two cases*
Mikio Yagishita (Kanazawa Medical Univ., Japan) / 463



Scientific Program - E-poster

- EP-01 *Male nipple reduction with a simple double-opposing flap technique*
Hyun Rok Lee (Dongguk Univ., Korea) / 466
- EP-02 *For better fat graft outcome in soft tissue augmentation: Systematic review and meta-analysis*
Jin Bin Kim (Myong-Ji Hosp., Korea) / 468
- EP-03 *Usefulness of young's lift[®], a new thread lift*
Maki Inukai (Fujita Health Univ., Japan) / 471
- EP-04 *Delayed infection of unidentified injectable filler - a case report*
Jae Min Lee (Korea Univ., Korea) / 473
- EP-05 *Filler-induced nasal granulomatous reaction: A case report*
Takeda Akira (Kitasato Univ., Japan) / 475
- EP-06 *The effect of stromal vascular fraction on breast cancer growth and fat retention in NOD/SCID mouse*
Joon Hyun Kwon (Kyungpook National Univ., Korea) / 476
- EP-07 *The effect of platelet rich plasma on hypertrophic scar fibroblasts*
Seung Min Nam (Soonchunghang Univ., Korea) / 479
- EP-08 *The usefulness of pedicled perforator flap in partial breast reconstruction*
Do Gon Kim (Kyungpook National Univ., Korea) / 481
- EP-09 *Complication of ruptured pip breast implant combined with aquafilling filler - A case report*
Jae Woo Kim (Seoul National Univ. Hosp., Korea) / 483
- EP-10 *A case of chest wall mass in infant after BCG vaccination*
Gang San Ju (Chosun Univ., Korea) / 485
- EP-11 *Usefulness of abnoba viscum to treatment refractory seroma after breast reconstruction with latissimus dorsi (LD) flap: A case report*
Jong Seong Kim (Kyungpook National Univ., Korea) / 487
- EP-12 *Does autologous fat graft after breast reconstruction surgery increase the risk of locoregional recurrence of breast cancer?* **Si Ook Baek** (Korea Univ., Korea) / 490
- EP-13 *Absent internal mammary recipient vein in autologous breast reconstruction*
Toshihiko Satake (Yokohama City Univ., Japan) / 491
- EP-14 *Case report: Extended nasal bridge incision for a treatment of naso-ethmoido-orbital (NEO) fracture with zygomaticomaxillary complex (ZMC) fracture*
Jin Bin Kim (Myong-Ji Hosp., Korea) / 492
- EP-15 *A case report: Uneventful retrobulbar hemorrhage during repair of blow-out fracture*
Ji Hwan Son (Myong-Ji Hosp., Korea) / 494



- EP-16 *The effect of the dental root on single mandibular bone fractures*
Jong Ohk Park (Konkuk Univ., Korea) / 495
- EP-17 *Lower lip reconstruction after lower lip loss occurring from acute fungal infection in diabetes mellitus*
Han-Byeol Jin (Myong-Ji Hosp., Korea) / 496
- EP-18 *Utilization of acellular dermis (Megaderm®) for covering soft tissue defect: A case of reconstruction of chest wall (previous intracardiac device insertion site)*
Yang Seok Kim (Wonkwang Univ., Korea) / 498
- EP-19 *Slowly growing solitary neurofibroma of the thumb*
Hyeok Lee (Chonnam National Univ., Korea) / 499
- EP-20 *Proximal migration of retained foreign body along the flexor tendon in the hand*
Dong Gyu Lee (Chonnam National Univ., Korea) / 501
- EP-21 *Treatment of phalangeal malunion using nonvascularized autologous bone graft from the previously ray amputated metacarpal bone: A case report*
Dong Gyu Lee (Chonnam National Univ., Korea) / 502
- EP-22 *Use of a second free fibula flap for reconstruction in recurrent ameloblastoma*
Jong Phil Yang (Korea Univ., Korea) / 503
- EP-23 *Mandibular reconstruction using customized 3D titanium implant*
Yun Whan Lee (Korea Univ., Korea) / 505
- EP-24 *Aggressively progressing primary undifferentiated pleomorphic sarcoma in the eyelid*
Seung Hyun Kim (Chonnam National Univ., Korea) / 507
- EP-25 *Intraosseous hemangioma of the frontal bone with orbital roof involvement*
Bommie F. Seo (The Catholic Univ. of Korea, Korea) / 508
- EP-26 *Successful microsurgical replantation of scalp amputation using both mechanical and chemical leech therapy: A case report*
Joon Seok Lee (Kyungpook National Univ., Korea) / 509
- EP-27 *Demographic data of patients with hidradenitis suppurativa*
Daichi Morioka (Showa Univ., Japan) / 511
- EP-28 *Treatment for alopecia associated with acne keloidalis nuchae*
Keiichi Tamagawa (Showa Univ., Japan) / 512
- EP-29 *Reconstruction of large hemi-facial and scalp defect with double-pedicle free TRAM flap in recurred squamous cell carcinoma*
Hi-Jin You (Korea Univ., Korea) / 513
- EP-30 *Bullosis diabeticorum: A case report*
Bommie F. Seo (The Catholic Univ. of Korea, Korea) / 515
- EP-31 *Osteogenic differentiation of human adipose tissue- and bone marrow-derived stem cells on 3d printed polycaprolactone/ β -tricalcium phosphate scaffold*
Jin Soo Kim (Daegu Fatima Hosp., Korea) / 517