

Poster Presentation

Judul:

Coverage of Paramedian Forehead Defect after Electrical Burns Using Radial Forearm Free Flap



Disampaikan Pada Acara:

The 10th National Congress and 22nd Annual Scientific Meeting of Indonesian Association of Plastic Reconstructive and Aesthetic Surgeons (InaPRAS)

Tanggal 20-22 Juli 2018

Bali Nusa Dua Covention Hall, Denpasar, Nusa Dua
Bali-Indonesia

Fakultas Kedokteran Universitas Jember

2018



**OSAPS AND
CONGRESS OF INAPRAS**
BALI 2018



**The 16th International Congress of OSAPS
in conjunction with ISAPS Symposium,
The 10th National Congress and
22nd Annual Scientific Meeting of InaPRAS**

- Oriental Society of Aesthetic Plastic Surgery (OSAPS)
- International Society of Aesthetic Plastic Surgery (ISAPS)
- Indonesian Association of Plastic Reconstructive and Aesthetic Surgeons (InaPRAS)

July 18th - 21st, 2018

**Bali Nusa Dua Convention Center (BNDCO)
Bali - Indonesia**

*Leveraging Innovations,
Collaboration and Technology
to Fulfill High Standard of Service*

Abstract Book

www.osaps-inapas.org



**ACCREDITED
2018**



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Welcome Message

It is our honor and great pleasure to invite you to join us at The 16th International Congress of Oriental Society of Aesthetic Plastic Surgery (OSAPS), which will come along with an International Society of Aesthetic Plastic Surgery (ISAPS) Symposium. Both important meetings will be held in conjunction with our national meetings: The 10th National Congress and 22nd Annual Scientific Meeting of Indonesian Association of Plastic Reconstructive and Aesthetic Surgeons (InaPRAS).

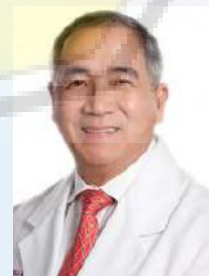
Holding up a theme “Leveraging Innovations, Collaboration and Technology to Fulfill High Standard of Service”, this combined meetings will be taking place at Bali Nusa Dua Convention Center (BNDCC), Bali, Indonesia, from July 18th to 21st, 2018. The scientific committee is currently putting together the program contents to be exciting, scientifically enrich your knowledge, and most important are inspirational. This idea will definitely true, as we are very confident by the commitment from giants and masters in aesthetic surgery as well as the reconstructive parts. Thus, we assure you to mark your calendar and make your trip plan to Bali to witness and experience it by yourselves. Furthermore, we would like to also invite you to submit your recent achievement and excellent works to celebrate the scientific party, while also are preparing the awards for you who will get the best oral and poster presentation.

The venue, island of Gods Bali, is a world well-known meeting destination and it is easily reach with direct flights from major cities in the world. Since March 2016 Indonesian government has granted 169 countries for FREE Visitor Visa. Please check the list of countries and further details in Visa section.

Colleagues and friends,
Make sure that you will not regret by not attending the congress, because you won't miss the chance to enjoying friendship in the most unique spot of the world, which is full of cultural heritage.



Teddy O.H. Prasetyono, MD
President of OSAPS
Congress President



Florencio Lucero, MD
Secretary General of OSAPS

Welcome Message

Dear Friends and Colleagues,

As the President of Indonesian Association of Plastic Reconstructive and Aesthetic Surgeons (InaPRAS) it gives me great pleasure and honor to invite you to The 10th National Congress and 22nd Annual Scientific Meeting of InaPRAS, in conjunction with 16th International Congress of Oriental Society of Aesthetic Plastic Surgery (OSAPS) and International Society of Aesthetic Plastic Surgery (ISAPS) Symposium, organized by InaPRAS.

Grown to be the one of the most important plastic surgery conference in the region, it will take place from July 18th - 21st, 2018 at the Bali Nusa Dua Convention Center (BNDCC), Bali - Indonesia.

The scientific committee is developing a rich educational program, featuring highly respected faculty of international and local speakers over four days of scientific and networking events, symposia, forums, discussion, including various workshops from leading experts in the field.

We warmly invite you all to share the results of your scientific research and experiences with us by submitting an abstract and by joining us for a meeting that will definitely be in line with the mission of InaPRAS, OSAPS and ISAPS by facilitating access to the latest innovations and quality scientific and medical education to meet the needs of its members.

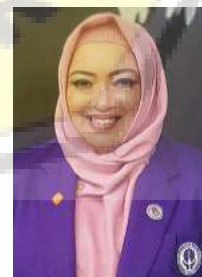
We encourage you to use this excellent opportunity to visit Bali, the most famous worldwide tourism destination in Indonesia, gain first insight into the artistic culture of Bali and experience the unique social and cultural heritage together with the warm hospitality of Balinese.

We look forward to welcoming you at the congress in 2018.



Budiman, MD

President of InaPRAS



Donna Savitry, MD

General Secretary of InaPRAS

Welcome Message

Dear Colleagues,

The ISAPS Education Council (EC) is working very hard in organizing successful educational events around the globe. The events' reports are regularly published in our ISAPS News editions. ISAPS main mission is: "Aesthetic Education Worldwide™"

Within this mission, we are very happy to support and organize for the first time in cooperation with OSAPS, an ISAPS Symposium in Bali, Indonesia in collaboration with the National Secretary and the local Societies' Leadership, July 18th - 21st, 2018.

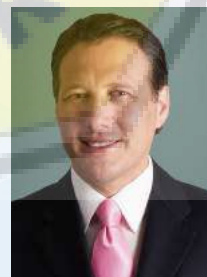
The Education Council in cooperation with Dr. Teddy O.H. Prasetyono, as the Symposium co-Director, and the local organizers, will put together a very attractive scientific program, on topics of Aesthetic Plastic Surgery, to satisfy the needs and requests of our colleagues in this region of the world.

A distinguished ISAPS faculty will bring up to the audience the recent developments in Aesthetic Surgery and update the participants with the exceptional progress of our Society, ISAPS. The faculty members will also contribute with lectures during the OSAPS and InaPRAS meetings that will follow the ISAPS Symposium.

The Education Council and I personally, in my capacity as the Chairman of the EC, cordially invite you to attend this ISAPS educational event, and we are looking forward to meeting you personally in beautiful Bali.



Dr. Paraskevas Kontoes M.D.,Ph.D
ISAPS Visiting Professor
ISAPS Education Council Chairman



Renato Saltz, M.D.
President of ISAPS

Organizing Committee

Advisory Board

Secretary General of OSAPS
President of InaPRAS

Congress President

Teddy O.H. Prasetyono

Secretary

Donna Savitry

Treasurer

Erythrina Permata Sari

Scientific Committee

Executive Committee of OSAPS
Parintosa Atmodiwirjo
Hardisiswo Soedjana
Sitti Rizaliyana
Nyoman P. Riasa

Fund Raiser

Irena Sakura Rini
Donna Savitry
Enrina Diah Nurmerini
Hendra Sanjaya

Important Dates

InaPRAS National Congress (MUKTAMAR)	: July 18 th , 2018
ISAPS Symposium	: July 18 th , 2018
Opening Ceremony	: July 19 th , 2018
OSAPS Congress (Aesthetic)	: July 19 th – 20 th , 2018
Free Paper Session (Aesthetic)	: July 19 th – 20 th , 2018
Exhibition	: July 19 th – 21 st , 2018
Presidential Dinner	: July 19 th , 2018
Cultural Gala Dinner	: July 20 th , 2018
InaPRAS Annual Scientific Meeting (Reconstruction)	: July 21 st , 2018
Free Paper Session (Reconstruction)	: July 21 st , 2018

International Faculties

- | | | | |
|--------------------------|---------------------|--------------------------|---------------------|
| • Ahmad Sukari Bin Halim | (Malaysia) | • Man-Koon Suh | (Republic of Korea) |
| • Arun Kumar Gosain | (USA) | • Marcos Sforza | (Italy) |
| • Bryan Mendelson | (Australia) | • Michele L. Zocchi | (Italy) |
| • Dae Hyun Lew | (Republic of Korea) | • Min-Hee Ryu | (China) |
| • Darryl Hodgkinson | (Australia) | • Paraskevas Kontoes | (Greece) |
| • David Dae Hwan Park | (Republic of Korea) | • Renato Saltz | (USA) |
| • Eun-Sang Dhong | (Republic of Korea) | • Rong Min Baek | (Republic of Korea) |
| • Eun-Soo Park | (Republic of Korea) | • Somasundaram Sathappan | (Malaysia) |
| • Florencio Lucero | (Philippines) | • Steven J Kusmanto | (Singapore) |
| • Gary Kode | (Australia) | • Sung Bum Han | (Republic of Korea) |
| • George Chau Jin Weng | (Taiwan) | • Sungwan Park | (Republic of Korea) |
| • Gregory R.D. Evans | (USA) | • Susumu Takayanagi | (Japan) |
| • Haldun Kamburoglu | (Turkey) | • Tai - Sik Yoon | (Spain) |
| • Hyo Heon Kim | (Republic of Korea) | • Tik Tan | (Netherlands) |
| • Jae-Hoon Kim | (Republic of Korea) | • Wan Azman Wan Sulaiman | (Malaysia) |
| • Jae-Woo Park | (Republic of Korea) | • Won Jai Lee | (Republic of Korea) |
| • Jin Soo Kim | (Republic of Korea) | • Won-June Yoon | (Republic of Korea) |
| • Jong Woo Choi | (Republic of Korea) | • Wonsuk Oh | (Republic of Korea) |
| • Jose Joven Cruz | (Philippine) | | |
| • Kevin Chung | (USA) | | |
| • Kyung In Jung | (Republic of Korea) | | |
| • Lin Tsai-Ming | (Taiwan) | | |

National Faculties

- | | | | |
|----------------------------|-------------|----------------------------------|-------------|
| • Agus S. Budi | (Indonesia) | • I Nyoman Putu Riasa | (Indonesia) |
| • Agus R.R. Hamid | (Indonesia) | • Irena Sakura Rini | (Indonesia) |
| • Arend Karel Ponggawa | (Indonesia) | • Indri L. Putri | (Indonesia) |
| • Asrofi Sueb Surachman | (Indonesia) | • Kristaninta Bangun | (Indonesia) |
| • Ali Sundoro | (Indonesia) | • Karina F. Moegni | (Indonesia) |
| • Bambang Pardjianto | (Indonesia) | • Lisa Hasibuan | (Indonesia) |
| • Bisono | (Indonesia) | • Lynda Hariani | (Indonesia) |
| • Budiman | (Indonesia) | • Lobredia Zarasade | (Indonesia) |
| • Chaula L. Sukasah | (Indonesia) | • Moch. Sjaifuddin Noer | (Indonesia) |
| • Dharma P. T. R. Maluegha | (Indonesia) | • Magda Rosalina Hutagalung | (Indonesia) |
| • Donna Savitry | (Indonesia) | • Najatullah | (Indonesia) |
| • David S. Perdanakusuma | (Indonesia) | • Nandita M. Putri | (Indonesia) |
| • Dewi A. Mukarramah | (Indonesia) | • Parintosa Atmodiwirjo | (Indonesia) |
| • Djohansjah Marzoeki | (Indonesia) | • RR.Prasetyanugraheni Kreshanti | (Indonesia) |
| • Eddy Sutrisno H | (Indonesia) | • Ruby Riana Asparini | (Indonesia) |
| • Enrina D. Nurmeirini | (Indonesia) | • Siti Handayani | (Indonesia) |
| • Erythrina Permata Sari | (Indonesia) | • Sitti Rizaliyana | (Indonesia) |
| • Frank F. Buchari | (Indonesia) | • Teddy O.H. Prasetyono | (Indonesia) |
| • Gentur Sudjatmiko | (Indonesia) | • Teuku Adifitrian | (Indonesia) |
| • Gwendy Aniko | (Indonesia) | • Tjandra Purnawan | (Indonesia) |
| • Hardisiswo Soedjana | (Indonesia) | • Utama A. Tarigan | (Indonesia) |
| • Herman Yosef Limpat | (Indonesia) | • Vivi V. Guizot | (Indonesia) |
| • Imam Susanto | (Indonesia) | • Wawang Sukarya | (Indonesia) |
| • Ishandono Dachlan | (Indonesia) | | |
| • Iswinarno Doso Saputro | (Indonesia) | | |



Scientific
Schedule

Scientific Schedule

Wednesday, 18th July 2018
ISAPS Symposium

- 07.00 – 07.40** **Re-Registration**
07.40 – 07.45 **Welcome remarks**
Educational Council Chair: **Paraskevas Kontoes (Greece)**
Pecatu 1 Room
- 07.45 – 07.50 Official opening
President of ISAPS: **Renato Saltz (USA)**
Pecatu 1 Room
- 07.50 – 08.40** **Session 1**
Face Lift: Basics to Get Keys to Successful Outcome
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
- 07.50 – 08.10 Asian (Oriental) and Caucasian beautiful face: comparing apple to apple
Paraskevas Kontoes (Greece) & Teddy O.H. Prasetyono (Indonesia)
- 08.10 – 08.30 The old paradigm and the brand-new landmarks of surgical facial anatomy to facilitate facelift – **Bryan Mendelson (Australia)**
- 08.30 – 08.40 Discussion
- 08.40 – 09.30** **Session 2**
Face Lift: Successful Outcome
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
- 08.40 – 09.20 Face lift: 20 year-experience with different techniques with tips, tricks, results and advice to create happy patients
Paraskevas Kontoes (Greece)
- 09.20 – 09.30 Discussion
- 09.30 – 10.40** **Session 3**
Face Lift: Perfect Dissection, Tips and Tricks for Successful Outcome
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
- 09.30 – 09.50 The importance of facial skeleton in facial rejuvenation
Bryan Mendelson (Australia)
- 09.50 – 10.10 The limited dissection composite facelift - **Bryan Mendelson (Australia)**
- 10.10 – 10.30 High-SMAS facelift - **Enrina D. Nurmeirini (Indonesia)**
- 10.30 – 10.40 Discussion

- 10.40 – 11.00** **Coffee Break**
Foyer Hall Pecatu
- 11.00 – 12.30** **Session 4**
Rhinoplasty: comprehensive review
Moderator: **Paraskevas Kontoes (Greece)**
Pecatu 1 Room
- 11.00 – 11.15 Preoperative planning, tests and dissections in rhinoplasty
Haldun Kamburoglu (Turkey)
- 11.15 – 11.30 Bulbous tip correction in Asians: aesthetic principle and pitfalls
Man-Koon Suh (Republic of Korea)
- 11.30 – 11.45 Closed rhinoplasty with open approach advantages
Haldun Kamburoglu (Turkey)
- 11.45 – 11.55 Discussion
- 11.55 – 12.05 Complication of hump nose correction and its correction
Man-Koon Suh (Republic of Korea)
- 12.05 – 12.20 Refining dorsum and dorsal aesthetic lines
Haldun Kamburoglu (Turkey)
- 12.20 – 12.30 Discussion
- 12.30 – 13.30** **Lunch**
Foyer Hall Pecatu
- 13.30 – 14.25** **Session 5**
Rhinoplasty: managing problems
Moderator: **Paraskevas Kontoes (Greece)**
Pecatu 1 Room
- 13.30 – 13.45 Cartilage refinement - **Enrina D. Nurmeirini (Indonesia)**
- 13.45 – 14.00 Mastering the tip – **Haldun Kamburoglu (Turkey)**
- 14.00 – 14.15 Comparative analysis of two key techniques for the short nose correction: septal extension graft and derotation graft
Man-Koon Suh (Republic of Korea)
- 14.15 – 14.25 Discussion
- 14.25 – 15.45** **Session 6**
Eyelids, periorbital area and mid-cheek
Moderator: **Bryan Mendelson (Australia)**
Pecatu 1 Room
- 14.25 – 14.40 Upper and lower blepharoplasty. Past and present. Correcting the periorbital aging signs and avoiding complications in eye-lid surgery
Paraskevas Kontoes (Greece)
- 14.40 – 14.55 Upper eyelid rejuvenation for asian people
Susumu Takayanagi (Japan)
- 14.55 – 15.05 Discussion

- 15.05 – 15.20 Double eyelid surgery - my personal technique
Susumu Takayanagi (Japan)
- 15.20 – 15.35 Endoscopic brow lift: a 24-year experience - **Renato Saltz (USA)**
- 15.35 – 15.45 Discussion
- 15.45 – 16.35 Session 7**
Facial beauty: combining surgery and non-surgical intervention
Moderator: **Bryan Mendelson (Australia)**
Pecatu 1 Room
- 15.45 – 16.05 Keynote 1:
Lasers in aesthetic surgery. When How and why
Paraskevas Kontoes (Greece)
- 16.05 – 16.10 Discussion
- 16.10 – 16.30 Keynote 2:
The 15 year-follow up of facial aesthetic package: combining surgical and non - surgical procedures to achieve safer & better results
Renato Saltz (USA)
- 16.30 – 16.35 Discussion
- 16.35 – 17.00 Adourn and Coffee**
Foyer Hall Pecatu
- 17.00 – 17.30 Inauguration of InaPRAS' new members**
Pecatu 1 Room
- 17.30 – finish National Congress of InaPRAS**
Pecatu 1 Room

Thursday, July 19th, 2018 OSAPS – Aesthetic

- 07.00 - 08.00 Re-Registration,**
08.00 – 09.00 Plenary Lecture 1
Mindset Opening
Moderator: **Irena Sakura Rini (Indonesia)**
Pecatu 1 Room
- 08.00 – 08.20 The concept of facial rejuvenation in the current advances of anti-aging
Florencio Lucero (Philippines)
- 08.20 – 08.40 Large volume breast fat transfer: technical evolution and safety aspects based on over 800 cases and 26 years of follow-up
Michele L. Zocchi (Italy)
- 08.40 – 09.00 Where are we heading with cells in aesthetic surgical field?
Gregory R.D. Evans (USA)

- 09.00 – 09.45** **Opening Ceremony**
Pecatu 1 Room
Report – Congress Chairman and President of OSAPS
Welcome Remarks – Past President of InaPRAS
Official Opening
- 09.45 – 10.10** **Exhibition Opening and Coffee Break**
Exhibition Area
- 10.10 – 11.10** **SS 1**
REGENESIS
Moderator: **Budiman (Indonesia)**
Pecatu 1 Room
- 10.10 - 10.40 New 3-in-1 laser assisted liposuction: combining fat grafting, skin tightening and suction in a single unit - **Tai-Sik Yoon (Spain)**
- 10.40 – 11.10 Increase Patient Satisfaction by Reducing Surgical Tissue Trauma and Recovery Time with Indiba Therapy - **Irena Sakura Rini (Indonesia)**
- 10.10 – 11.10** **SS 2**
The power of facial fat graft 1
Moderator: **Frank Buchari (Indonesia)**
Mengwi 1 Room
- 10.10 – 10.25 Fat graft on Asian: strategy and clinical applications
Jae-woo Park (Republic of Korea)
- 10.25 – 10.40 Fat grafting for facial re-contouring with rejuvenation benefit
Donna Savitry (Indonesia)
- 10.40 - 10.55 How to avoid the severe complications in fat grafting and filler injection?
Tsai Ming Lin (Taiwan)
- 10.55 – 11.10 Discussion
- 10.10 – 11.10** **SS 3**
Abreast in breast augmentation
Moderator: **Utama A. Tarigan (Indonesia)**
Mengwi 2 Room
- 10.10 – 10.25 Endoscopic transaxillary augmentation mammoplasty
Won June Yoon (Republic of Korea)
- 10.25 – 10.40 Dual plane breast augmentation to avoid premature sagging and upper pole rippling - **Vivi V. Guizot (Indonesia)**
- 10.40 - 10.55 Should I embrace evolution or revolution in my technique for breast augmentation? - **Gregory Evans (USA)**
- 10.55 – 11.10 Discussion
- 10.10 – 11.10** **Free Paper 1**
Moderator
Mengwi 3 Room

- 11.10 – 12.10** **SS 4**
MENARINI
Moderator: **Irena Sakura Rini (Indonesia)**
Pecatu 1 Room
- 11.10 – 11.25 RELIFE - Aesthetic Medicine Portfolio - **Steven J Kusmanto (Singapore)**
11.25 – 11.40 Techniques of Face Lift with Absorbable Barbed Thread
Lift and HA Filler - **Jose Joven Cruz (Philippines)**
11.40 – 11.55 Answering Unmet Patients Needs on Minimal Invasive
Face-Lift - **Somasundaram Sathappan (Malaysia)**
11.55 – 12.10 Discussion
- 11.10 – 12.10** **SS 5**
The power of facial fat graft 2
Moderator: **David S. Perdanakusuma (Indonesia)**
Mengwi 1 Room
- 11.10 – 11.25 Fat grafting in pathologic facial contour deformity
Wan Azman Wan Sulaiman (Malaysia)
11.25 – 11.40 Improving midcheek with LPL and fat graft
Jae-woo Park (Republic of Korea)
11.40 – 11.55 Fat grafting and stem cells - **Gregory Evans (USA)**
11.55 – 12.10 Discussion
- 11.10 – 12.10** **SS 6**
Breast surgery: elaborating principles
Moderator: **Ruby Riana Asparini (Indonesia)**
Mengwi 2 Room
- 11.10 – 11.25 Simple method to reduce complications of breast augmentation
Gwendy Aniko (Indonesia)
11.25 – 11.40 Modern mastopexy - long term results - **Renato Saltz (USA)**
11.40 – 11.55 Inframammary fold violation in augmentation mammoplasty
Paraskevas Kontoes (Greece)
11.55 – 12.10 Discussion
- 11.10 – 12.10** **SS 7**
Rhinoplasty: advancing the general concept
Moderator: **Haldun Kamburoglu (Turkey)**
Mengwi 3 Room
- 11.10 – 11.25 Application of the computer simulation and 3D printing guide in
aesthetic rhinoplasty - **Jong Woo Choi (Republic of Korea)**
11.25 – 11.40 Septum based nasal tip-plasty - **Jong Woo Choi (Republic of Korea)**
11.40 – 11.55 Unpleasing tip-plasty in Asians: causes and correction
Man Koon Suh (Republic of Korea)
11.55 – 12.10 Discussion

- 12.10 – 13.10** **Lunch Symposium 1**
PT. Haju Medical
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
- 12.10 – 12.40 The introduction to BellaGel Micro implant and Trans axillary endoscopy approach with it - **Won June Yoon (Republic of Korea)**
- 12.40 – 13.10 IMF approach with Bella Gel Micro in breast augmentation cases
Sung Bum Han (Republic of Korea)
- 13.10 - 13.50** **Lunch Exhibition Area**
- 13.50 – 14.30** **Ohmori Memorial Lecture**
Moderator: **Florencio Lucero (Philippines)**
Pecatu 1 Room
Understanding facial anatomy in the space age
Bryan Mendelson (Australia)
- 14.30 – 15.30** **SS 8**
Workhorse for facial rejuvenation
Moderator: **Donna Savitry (Indonesia)**
Pecatu 1 Room
- 14.30 – 14.45 Facial rejuvenation with micro-needling interstitial radiofrequency
Jae-woo Park (Republic of Korea)
- 14.45 – 15.00 Empowering non-surgical facial rejuvenation - **Gregory Evans (USA)**
- 15.00 – 15.15 Tissue glues, lymphatic drainage & skin care in facial rejuvenation surgery
Renato Saltz (USA)
- 15.15 – 15.30 Discussion
- 14.30 – 15.30** **SS 9**
Convincing innovation 1
Moderator: **Tjandra Purnawan (Indonesia)**
Mengwi 1 Room
- 14.30 – 14.45 An innovative strategy for gummy smile - **Tsai Ming Lin (Taiwan)**
- 14.45 – 15.00 Rhinoplasty: 6 year-study of using PLGA as nasal strut
Hyo-Heon Kim (China)
- 15.00 – 15.15 Water-assisted Liposuction: a follow up study after 4 years
Irena Sakura Rini (Indonesia)
- 15.15 – 15.30 Discussion
- 14.30 – 15.30** **SS 10**
Breast surgery: challenges
Moderator: **Hardisiswo Soedjana (Indonesia)**
Mengwi 2 Room
- 14.30 – 14.45 How to manage difficult cases in breast aesthetic surgery
Paraskevas Kontoes (Greece)

- 14.45 – 15.00 The Management of Anterior Chest Wall Deformity in Patients presenting for Breast Augmentation - **Darryl Hodgkinson (Australia)**
- 15.00 – 15.15 Implant malposition and revisional endoscopic transaxillary augmentation mammoplasty - **Won June Yoon (Republic of Korea)**
- 15.15 – 15.30 Discussion
- 14.30 – 15.30 Free Paper 2**
Mengwi 3 Room
- 15.30 – 16.30 SS 11**
The practice and business: a myth to avoid? #1
Moderator: **Djohansjah Marzoeki (Indonesia)**
Pecatu 1 Room
- 15.30 – 15.50 What to take advantage and what not in running aesthetic plastic surgery service - **Teuku Adifitrian (Indonesia)**
- 15.50 – 16.10 Running plastic surgery service in a highly competitive market
Jae-hoon Kim (Republic of Korea)
- 16.10 – 16.30 Discussion
- 15.30 – 16.30 SS 12**
Convincing innovation 2
Moderator: **Agus R.R. Hamid (Indonesia)**
Mengwi 1 Room
- 15.30 – 15.45 Innovation: transbuccal suturing technique for instant cheek dimple creation - **Budiman (Indonesia)**
- 15.45 – 16.00 Managing the extruding silicon nasal implant
Darryl Hodgkinson (Australia)
- 16.00 – 16.15 How I blend the nasojugal groove and lid-cheek junction?
Tsai Ming Lin (Taiwan)
- 16.15 – 16.30 Discussion
- 15.30 – 16.30 SS 13**
Abdominoplasty and body contouring: a matter of choosing technique
Moderator: **Lisa Hasibuan (Indonesia)**
Mengwi 2 Room
- 15.30 – 15.45 High lateral tension abdominoplasty - **Enrina D. Nurmeirini (Indonesia)**
- 15.45 – 16.00 Ultrasonic assisted lipoplasty: from aesthetic to obesity
Michele Zocchi (Italy)
- 16.00 – 16.15 Technique of choice from the plethora of abdominoplasties
Gregory Evans (USA)
- 16.15 – 16.30 Discussion
- 15.30 – 16.30 Free Paper 3**
Mengwi 3 Room

- 16.30 – 17.10** **Plenary Lecture 2**
Winning the plastic surgery existence
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
- 16.30 – 16.50 New perspectives in plastic and regenerative surgery: the acellular adipose matrix – **Michele L. Zocchi (Italy)**
- 16.50 – 17.10 Cosmetic medicine will keep your plastic surgery practice alive: the 7-47 effect 10 years later - **Renato Saltz (USA)**

Friday, July 20th, 2018 OSAPS Aesthetic

- 07.00 – 08.00** **Re-Registration**
- 08.00 – 09.00** **Master Class on Breast Augmentation: Leveraging the Technical Principles**
Moderator: **Enrina D. Nurmeirini (Indonesia)**
Pecatu 1 Room
- 08.00 – 08.20 Axillary endoscopic subglandular tunneling approach for type 2 and 3 dual plane breast augmentation - **Won June Yoon (Republic of Korea)**
- 08.20 – 08.40 Customizing breast augmentation: science & art in the operating room
Renato Saltz (USA)
- 08.40 – 09.00 Preventing complications and achieving better results in breast augmentation with silicone implants - **Haldun Kamburoglu (Turkey)**
- 08.00 - 09.00** **Master Class on Blepharoplasty: the Asian Touch**
Moderator: **Florencio Lucero (Philippines)**
Mengwi 1 Room
- 08.00 – 08.30 Selection of surgical techniques for Oriental upper blepharoplasty
George C.J. Weng (Taiwan)
- 08.30 – 09.00 Control in upper lid blepharoplasty: rationale for tarsal plate fixation
Bryan Mendelson (Australia)
- 09.00 – 09.40** **Plenary Lecture 3**
Taking care of body and breast
Moderator: **Budiman (Indonesia)**
Pecatu 1 Room
- 09.00 – 09.20 Touching the female symbol with Greek philosophy: an algorithm for successful aesthetic breast surgery - **Paraskevas Kontoes (Greece)**
- 09.20 – 09.40 Body contouring and breast surgery: is it safe to combine the procedures? - **Renato Saltz (USA)**
- 09.40 – 10.10** **Coffee Break**
Exhibition Area

- 10.10 – 11.10** **SS 14**
ETHICON JnJ
Moderator: **Agus R.R. Hamid (Indonesia)**
Pecatu 1 Room
Tips and Trick for Breast Augmentation
Kyung In Jung (Republic of Korea)
- 10.10 – 11.10** **SS 15**
with effect on facial contouring
Moderator: **Lobredia Zarasade (Indonesia)**
Mengwi 1 Room
- 10.10 – 10.25 Autologous options for volumetric midface rejuvenation (Fat, SMAS & malarfat pad) – **Renato Saltz (USA)**
- 10.25 – 10.40 Facial contouring with lipoplastic laser - **Jae-woo Park (Republic of Korea)**
- 10.40 – 10.55 Restoration of facial symmetry - **Rong Min Baek (Republic of Korea)**
- 10.55 – 11.10 Discussion
- 10.10 – 11.10** **SS 16**
Convincing innovation 3
Moderator: **Kristaninta Bangun (Indonesia)**
Mengwi 2 Room
- 10.10 – 10.30 Safety & efficacy of non-expanded stem cells in facilitating antiageing effect - **Karina F. Moegni (Indonesia)**
- 10.30 – 10.50 My solution for dark circle - **Tsai Ming Lin (Taiwan)**
- 10.50 – 11.10 Discussion
- 10.10 – 11.10** **SS 17**
Face and neck: integrated rejuvenation
Moderator: **Iswinarno Doso Saputro (Indonesia)**
Mengwi 3 Room
- 10.10 – 10.25 High SMAS Facelift with Release of Retaining Ligaments in Sub-SMAS Plane - **Min-Hee Ryu (China)**
- 10.25 – 10.40 Essence of subSMAS facelift and platysmaplasty
Joo-Heon Lee (Republic of Korea)
- 10.40 – 10.55 Evolving concepts for neck rejuvenation - **Darryl Hodgkinson (Australia)**
- 10.55 – 11.10 Discussion
- 11.10 – 12.10** **Lunch Symposium 2**
PT. AHI Guna Mandiri (Alpha-Health Indonesia)
Pecatu 1 Room
- 11.10 – 11.40 Understanding the science and clinical use of motiva; a new generation of breast implants - **Gary Kode (Australia)**
- 11.40 – 12.10 Minimal scars breast augmentation - **Marcos Sforza (Italy)**

- 12.10 – 14.00** **Friday Pray and Lunch**
Exhibition Area
- 12.10 – 14.00** **OSAPS EXCO Meeting**
Mengwi 1 Room
- 13.00 – 13.45** **Business Meeting InaPRAS & KSPRS**
Mengwi 2 Room
- 14.00 – 15.00** **SS 18**
Convincing innovation 4
Moderator: **Herman Yosef Limpat W (Indonesia)**
Pecatu 1 Room
- 14.00 – 14.15 REMIX: a revolutionary global platform for regenerative technologies
Michele Zocchi (Italy)
- 14.15 – 14.30 Modern and safe abdominoplasty - **Renato Saltz (USA)**
- 14.30 – 14.45 Non-surgical options for body contouring - **Renato Saltz (USA)**
- 14.45 – 15.00 Discussion
- 14.00 – 15.00** **SS 19**
Convincing innovation 5
Moderator: **Erythrina Permata Sari (Indonesia)**
Mengwi 1 Room
- 14.00 – 14.15 The role of mini-invasive procedures for facial rejuvenation
George C. J. Weng (Taiwan)
- 14.15 – 14.30 Patient-specific rhinoplasty - **Eun Soo Park (Republic of Korea)**
- 14.30 – 14.45 My evolution of congenital and acquired ptosis correction
David D.H. Park (Republic of Korea)
- 14.45 – 15.00 Discussion
- 14.00 – 15.00** **SS 20**
The beauty of surgery for the face: all about SMAS
Moderator: **Rong Min Baek (Republic of Korea)**
Mengwi 2 Room
- 14.00 – 14.15 Asian facial rejuvenation by extended SMAS facelift technique
Joo-Heon Lee (Republic of Korea)
- 14.15 – 14.30 Anatomical Considerations in Facelift - **Min-Hee Ryu (China)**
- 14.30 – 14.45 Sub-SMAS facelift in the Asian face - **Florencio Lucero (Philippines)**
- 14.45 – 15.00 Discussion
- 14.00 – 15.00** **Free Paper 4**
Mengwi 3 Room
- 15.00 – 16.00** **SS 21**
The practice and business: a myth to avoid? #2
Moderator: **Ahmad Sukari Bin Halim (Malaysia)**
Pecatu 1 Room
- 15.00 – 15.15 Aesthetic surgery and cosmetic medicine: strategies for success
Renato Saltz (USA)

- 15.15 – 15.30 The limits in taking advantage from techno medical aesthetic equipment: ethics vs business - **Gregory Evans (USA)**
- 15.30 – 15.45 Do we position ADSC as a luring offer in plastic surgery service or just follow the market as a trend? - **Michele Zocchi (Italy)**
- 15.45 – 16.00 Discussion
- 15.00 – 16.00** **SS 22**
Rhinoplasty: restructuring the bone and cartilage
Moderator: **Darryl Hodgkinson (Australia)**
Pecatu 1 Room
- 15.00 – 15.15 Various applications of alar spreader graft in volumetric rhinoplasty
Jae-Hoon Kim (Republic of Korea)
- 15.15 – 15.30 Implant vs autogenous tissue for dorsal augmentation: case-oriented approach – **Man-Koon Suh (Republic of Korea)**
- 15.30 – 15.45 Alar base reduction - approaches according to the alar, lobule shape
Sungwan Park (Republic of Korea)
- 15.45 – 16.00 Discussion
- 15.00 – 16.00** **SS 23**
Asian eyes, nose and face
Moderator: **Sitti Rizaliyana (Indonesia)**
Mengwi 2 Room
- 15.00 – 15.15 Art of modern extended SMAS facelift technique
Jooheon Lee (Republic of Korea)
- 15.15 – 15.30 Surgical correction of Crow's feet deformity with the coagulation of orbicularis oculi muscle flap - **Min-Hee Ryu (China)**
- 15.30 – 15.45 Different viewpoints in East Asian nasal tip
Dhong Eun Sang (Republic of Korea)
- 15.45 – 16.00 Discussion
- 15.00 – 16.00** **Free Paper 5**
Mengwi 3 Room
- 16.00 – 17.00** **SS 24**
Endoscopic procedures: all potential procedures
Moderator: **Joo-Heon Lee (Republic of Korea)**
Pecatu 1 Room
- 16.00 – 16.15 Video on endoscopic facial rejuvenation: the Gold standard
Renato Saltz (USA)
- 16.15 – 16.30 Hooked assisted endoscopic breast augmentation
Budiman (Indonesia)
- 16.30 – 17.00 Discussion
- 16.00 – 17.00** **SS 25**
The plethora of rhinoplasty
Moderator: **Moch. Sjaifuddin Noer (Indonesia)**
Mengwi 1 Room

- 16.00 – 16.15 Dermofat graft for rhinoplasty: revisited - **Lisa Hasibuan (Indonesia)**
- 16.15 – 16.30 Folded cymba concha: Is it large enough for a caudal septal extension graft? - **Dhong Eun Sang (Republic of Korea)**
- 16.30 – 16.45 Ribs cartilage for rhinoplasty - **Teuku Adifitrian (Indonesia)**
- 16.45 – 17.00 Discussion
- 16.00 – 17.00 SS 26**
The beauty of surgery for eyelids
Moderator: **George C.J. Weng (Taiwan)**
Mengwi 2 Room
- 16.00 – 16.20 My evolution of medial epican
David D.H. Park (Republic of Korea)
- 16.20 – 16.40 Fat redistribution for upper eyelid aesthetics
Wonsuk Oh (Republic of Korea)
- 16.40 – 17.00 Discussion
- 16.00 – 17.00 Free Paper 6**
Mengwi 3 Room
- 19.00 – 22.00 Cultural Gala Dinner Budaya Theater, Nusa Dua Beach**

Saturday, July 21st, 2018 InaPRAS - Reconstruction

- 07.00 – 07.30 Re-Registration**
- 07.30 – 08.30 Master Class on Microsurgery**
Moderator: **Gwendy Aniko (Indonesia)**
Pecatu 1 Room
- 07.30 – 07.50 Reconstructive microsurgery for low extremity
Wan Azman Wan Sulaiman (Malaysia)
- 07.50 – 08.10 Free flap reconstruction for hand – **Jin Soo Kim (Republic of Korea)**
- 08.10 – 08.30 Designs techniques of free flaps from forearm
Won Jai Lee (Republic of Korea)
- 07.30 - 08.30 Master Class on Keystone Flap**
Moderator: **Gentur Sudjtmiko (Indonesia)**
Mengwi 1 Room
- 07.30 – 07.50 The basics of keystone flaps
Gentur Sudjtmiko (Indonesia)
- 07.50 – 08.10 Developing confidence in using keystone flaps for difficult cases
Nandita M. Putri (Indonesia)
- 08.10 – 08.30 Solving complex problems with keystone flaps
Irena Sakura Rini (Indonesia)

- 07.30 - 08.30** **Master Class on Orthognathic Surgery Updates**
Moderator: **Magda Hutagalung (Indonesia)**
Mengwi 2 Room
- 07.30 – 07.50 The classic orthognathic surgery: techniques and drawbacks
Arun K. Gosain (USA)
- 07.50 – 08.10 Surgery first orthognathic approach
Jong-Woo Choi (Republic of Korea)
- 08.10 – 08.30 Occlusal plane altering orthognathic surgery
Jong-Woo Choi (Republic of Korea)
- 08.30 – 09.30** **SS 1**
InaPRAS – ASPS – KSPRS Tripartite Session
Moderator: **Budiman (Indonesia)**
Pecatu 1 Room
- 08.30 – 08.45 Hybrid two jaw surgery: combined procedure for better result
Dae Hyun Lew (Republic of Korea)
- 08.45 – 09.00 Current trends in breast reconstruction - **Gregory R.D. Evans (USA)**
- 09.00 – 09.15 Vascular malformation in hand surgery
Teddy O.H. Prasetyono (Indonesia)
- 09.15 - 09.30 Discussion
- 08.30 – 09.30** **SS 2**
Vascular malformation and hemangioma
Moderator: **Lisa Hasibuan (Indonesia)**
Mengwi 1 Room
- 08.30 – 08.45 Sclerosing and excision of neck lymphatic malformation
Erythrina Permata Sari (Indonesia)
- 08.45 – 09.00 Confidence in using propanolol to curb hemangioma
Lisa Hasibuan (Indonesia)
- 09.00 – 09.15 Vascular anomalies in the pediatric age group - **Arun K. Gosain (USA)**
- 09.15 – 09.30 Discussion
- 08.30 – 09.30** **SS 3**
Advanced cleft and facial defect
Moderator: **Irra Rubianti (Indonesia)**
Mengwi 2 Room
- 08.30 – 08.45 Management of secondary cleft disorders: midface hypoplasia and nasalrelapse – **Arun K. Gosain (USA)**
- 08.45 – 09.00 Neglected maxillofacial fracture - **Najatullah (Indonesia)**
- 09.00 – 09.15 A long course reconstruction of facial defect - **Bisono (Indonesia)**
- 09.15 – 09.30 Discussion
- 08.30 – 09.30** **SS 4**
Convincing innovation 6
Moderator: **Sitti Rizaliyana (Indonesia)**
Mengwi 3 Room

- 08.30 – 08.45 Reconstructive microsurgery in breast reconstruction in achieving high quality of life - **Ahmad Sukari Bin Halim (Malaysia)**
- 08.45 – 09.00 Capsuloplasty for breast prosthesis in oncology and cosmetic problems - **Tik Tan (Netherlands)**
- 09.00 – 09.15 Secondary surgery after replantation - **Jin Soo Kim (Republic of Korea)**
- 09.15 – 09.30 Discussion
- 08.30 – 09.30 Free Paper 1**
Mengwi 5 Room
- 09.30 – 10.00 Coffee Break**
Exhibition Area
- 10.00 – 10.40 Moenadjat Memorial Lecture**
Moderator: **Teddy O.H. Prasetyono (Indonesia)**
Pecatu 1 Room
The care of flexor tendon injuries in the 21th century
Kevin Chung (USA)
- 10.40 – 11.30 Plenary Lecture 1**
Moderator: **Imam Susanto (Indonesia)**
Pecatu 1 Room
- 10.40 – 11.05 Advances in craniofacial surgery for the correction of congenital anomalies: from bench research to current practice
Arun Kumar Gosain (USA)
- 11.05 – 11.30 Evolution and the future of breast reconstruction: techniques and the influence of oncoplasty - **Gregory R.D. Evans (USA)**
- 11.30 – 12.30 SS 5**
InaPRAS - KSPRS Joint Session 1
Moderator: **Bambang Pardjianto (Indonesia)**
Pecatu 1 Room
- 11.30 – 11.45 Craniofacial tumor reconstruction - **I Nyoman Putu Riasa (Indonesia)**
- 11.45 – 12.00 Achieving aesthetic outcome in nose reconstruction
Dhong Eun Sang (Republic of Korea)
- 12.00 – 12.15 Facial asymmetry correction using various technique
Dae Hyun Lew (Republic of Korea)
- 12.15 – 12.30 Discussion
- 11.30 – 12.30 SS 6**
Collaborative training and education
Mengwi 1 Room
Moderator: **Parintosa Atmodiwirdjo (Indonesia)**
- 11.30 – 11.45 Possibilities collaboration education plastic, reconstructive, hand and aesthetics surgery between Indonesia and Dutch Societies
Tik Tan (Netherlands)
- 11.45 – 12.00 Training paradigms for plastic surgery in the US
Gregory R.D. Evans (USA)

- 12.00 – 12.15 Graduate medical education in the USA: current model and future challenges in funding - **Arun K. Gosain (USA)**
- 12.15 – 12.30 Future direction of plastic surgery training in Indonesia
David S. Perdanakusuma (Indonesia)
- 11.30 – 12.30** **SS 7**
Surgical hand resurfacing
Moderator: **Kevin Chung (USA)**
Mengwi 2 Room
- 11.30 – 11.45 Flap modalities for hand and wrist defect
Agus R. R. Hamid (Indonesia)
- 11.45 – 12.00 Perforator flaps for hand - **Agus S. Budi (Indonesia)**
- 12.00 – 12.15 Applying intrinsic flaps for the hand for your practice
Kevin Chung (USA)
- 12.15 – 12.30 Discussion
- 11.30 – 12.30** **Dissertation Session**
Moderator: **Chaula L. Sukasah (Indonesia)**
Mengwi 3 Room
- 11.30 – 11.40 The patterns of wound around healing process through expression analysis of egf, vegf, tgfb1, collagen type 1, mmp 1 and capillaries of blood vessel which is induced adipose derived mesenchymal stem cells (admscs) in primary wound - **Lynda Hariani (Indonesia)**
- 11.40 – 11.50 Inhibitory mechanism of Collagen Type I Deposition in Deep Second Degree Burns by Pomegranate Fruit Extract Standardized with elagic acid 40% - **Iswinarno Doso Saputro (Indonesia)**
- 11.50 – 12.00 Relationship Between TIMP-1/MMP-9 Ratio, Type and Amount of Bacterial for Successful Pressure Ulcer Wound Closure
Hardisiswo Soedjana (Indonesia)
- 12.00 – 12.10 Endothelial progenitor cells-lowering effect and compensative mechanism in electrical burn injury models of rat
Dharma P. T. R. Maluegha (Indonesia)
- 12.10 – 12.15 5 α -oleandrin has Better Anti-fibrotic Effects than Mitomycin-Cin Keloid Fibroblast Cultures - **Ishandono Dachlan (Indonesia)**
- 12.15 – 12.30 The growth of diced cartilage and the role of fibrin glue scaffold and platelet rich plasma in subcutaneous implantation and tissue engineering using vascularized perforated tube
I Nyoman Putu Riasa (Indonesia)
- 11.30 – 12.30** **Free paper 2**
Mengwi 5 Room
- 12.30 – 13.15** **Lunch**
Exhibition Area
- 12.30 - 13.15** **Business Meeting InaPRAS & ASPS**
Mengwi 2 Room

- 13.15 – 13.30** **Plenary Lecture 2**
Moderator: **Asrofi Sueb Surachman (Indonesia)**
Pecatu 1 Room
Perkembangan terbaru etika kedokteran beserta pelaksanaan adaptifnya - **Wawang Sukarya (Indonesia)**
(will be delivered in Indonesian language)
- 13.30 – 14.30** **SS 8**
InaPRAS - ASPS Joint Session 1
Moderator: **Siti Handayani (Indonesia)**
Pecatu 1 Room
- 13.30 – 13.45 Skeletal relapse after orthognthaic Surgery
Kristaninta Bangun (Indonesia)
- 13.45 – 14.00 Rational applications of biomaterials in craniofacial surgery
Arun K. Gosain (USA)
- 14.00 – 14.15 Contribution of orthognthaic techniques in facial aesthetic
Enrina D. Nurmeirini (Indonesia)
- 14.15 – 14.30 Discussion
- 13.30 – 14.30** **SS 9**
The notorious deformities in fingers
Moderator: **Agus R. R. Hamid (Indonesia)**
Mengwi 1 Room
- 13.30 – 13.45 Demystifying Swan-neck and Boutonniere deformities
Kevin Chung (USA)
- 13.45 – 14.00 What works and not in burn Swan-neck finger
Teddy O. H. Prasetyono (Indonesia)
- 14.00 – 14.15 Basic principles to deal with burn Boutonniere deformity
Teddy O. H. Prasetyono (Indonesia)
- 14.15 – 14.30 Discussion
- 13.30 – 14.30** **SS 10**
Pelvic, perineal & genital reconstruction
Moderator: **Ishandono Dachlan (Indonesia)**
Mengwi 2 Room
- 13.30 – 13.45 Vulvar and perineal reconstruction using Keystone perforator island flaps - **Chaula L. Sukasah (Indonesia)**
- 13.45 – 14.00 Pedicle perforator based-peripelvic reconstruction
Dewi A. Mukarramah (Indonesia)
- 14.00 – 14.15 Penile siliconoma: challenges & management
Wan Azman Wan Sulaiman (Malaysia)
- 14.15 – 14.30 Discussion
- 13.30 – 14.30** **Free Paper 3**
Mengwi 3 Room

- 13.30 – 14.30** **Free Paper 4**
Mengwi 5 Room
- 14.30 – 15.30** **SS 11**
InaPRAS - ASPS Joint Session 2
Moderator: **Donna Savitry (Indonesia)**
Pecatu 1 Room
- 14.30 – 14.45 Management of panfacial fractures - **Arun K. Gosain (USA)**
14.45 – 15.00 Optimizing the Surgical Out come of Maxillofacial Fractures
Magda Rosalina Hutagalung (Indonesia)
- 15.00 – 15.15 Management of pediatric facial trauma
Arun K. Gosain (USA)
- 15.15 – 15.30 Discussion
- 14.30 – 15.30** **SS 12**
Microsurgery advances
Moderator: **Najatullah (Indonesia)**
Mengwi 1 Room
- 14.30 – 14.45 Tissue transfer in extremity infection - dealing with the challenges
Ahmad Sukari bin Halim (Malaysia)
- 14.45 – 15.00 Bioengineering breast reconstruction
EunSoo Park (Republic of Korea)
- 15.00 – 15.15 Muscle: plastics surgeon's point of view
Myong Chul Park (Republic of Korea)
- 15.15 – 15.30 Discussion
- 14.30 – 15.30** **SS 13**
Otoplasty
Moderator: **Tik Tan (Netherlands)**
Mengwi 2 Room
- 14.30 – 14.45 Modified technique for elevation of ear-frame in microtia reconstruction
using split thickness costal cartilage graft - **Indri L. Putri (Indonesia)**
- 14.45 – 15.00 Adapting Nagata's technique for microtia
Kristaninta Bangun (Indonesia)
- 15.00 – 15.15 Shorter staged - Nagata's technique for microtia
Ali Sundoro (Indonesia)
- 15.15 – 15.30 Discussion
- 14.30 – 15.30** **Free Paper 5**
Mengwi 3 Room
- 14.30 – 15.30** **Free Paper 6**
Mengwi 5 Room
- 15.30 – 15.45** **Coffee Break**
Exhibition Area

- 15.45 – 16.45** **SS 14**
InaPRAS – KSPRS Joint Session 2
Moderator: **Dae Hyun Lew (Republic of Korea)**
Pecatu 1 Room
- 15.45 – 16.00 Strategic plans in tongue reconstruction
Parintosa Atmodiwirjo (Indonesia)
- 16.00 – 16.15 Dealing with severe lower extremity crush injury: immediate or delayed reconstruction - **Gwendy Aniko (Indonesia)**
- 16.15 – 16.30 Microsurgical reconstruction for head & neck oncological defects
Won Jai Lee (Republic of Korea)
- 16.30 – 16.45 Discussion
- 15.45 – 16.45** **SS 15**
CLP
Moderator: **Arend Karel Ponggawa (Indonesia)**
Mengwi 1 Room
- 15.45 – 16.00 Two staged - technique palatoplasty and outcome
RR. Prasetyanugraheni Kreshanti (Indonesia)
- 16.00 – 16.15 Two staged palatoplasty - **Eddy Sutrisno H (Indonesia)**
- 16.15 – 16.30 Current strategies for the primary management of cleft palate
Arun K. Gosain (USA)
- 16.30 – 16.45 Strategies for the management of post-palatoplasty VPI
Arun K. Gosain (USA)
- 16.45 - 17.35** **Plenary Lecture 3**
Moderator: **Eddy Sutrisno (Indonesia)**
Pecatu 1 Room
- 16.45 – 17.10 Principles in the treatment of hand fractures - **Kevin Chung (USA)**
- 17.10 – 17.55 Art & Challenges of Burn Hand Surgery
Teddy O.H. Prasetyono (Indonesia)
- 17.35 – 17.55** **Pisau Emas and Teratai Ungu Awards & Cleft Surgical outcome Poster Prize**
Pecatu 1 Room
- 17.55 – 18.00** **Closing Ceremony**
Pecatu 1 Room

PO46

Coverage of Paramedian Forehead Defect after Electrical Burns Using Radial Forearm Free Flap

Ulfa Elfiah*

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Background:

Forehead defects resulting from contact with electrical source are uncommon occurrences. A number of articles has discussed microvascular free flap reconstruction forehead following electric injury is limited especially utilization of the radial forearm free flap for reconstruction of paramedian forehead after contact electric burn.

Methods:

A 24- Year-old man was admitted with chronic wound and bone exposed with 0.5 cm necrotic bone, granulation surrounding bone exposed and also epitelization on paramedian forehead left, after he got an accidental electric burn one month ago. The size of bone defect is 3.0x3.0cm. On examination , patient had no other co-mordidities and CT scan of skull showed intact inner table on forehead region. Superficial temporal arteries and veins is good on both side of skull by direct palpation and an Allen's test for radial and ulnar artery also good. Patient was treated with radial forearm free flap (RFFF) to cover forehead defect. This method is reasonable for this case because scarred tissue surrounding defect is rigid so it was difficult to move the tissue when selecting the local flap method to close the defect. The skin of the volar forearm provides relatively thin and reliable coverage for paramedian forehead of defects.

Results:

The Paramedian forehead region was covered by RFFF, it showed cosmetically, good apperance, smooth and flat surface although skin colour more darker than surrounding, and donor site also good apperance. Patient feel satisfied.

Conclusion:

This case show that a microsurgical tissue transfer can be a good option for reconstruction of paramedian forehead defect after electrical burn injury and radial forearm free flap could fulfill the cosmetic demands of forehead reconstruction with minimal donor morbidity.

Keyword: electric burn, forehead defect, radial forearm free flap



Introduction

Forehead defects resulting from contact with electrical source are uncommon occurrences and challenges for the reconstructive plastic surgeon. A number of articles has discussed radial forearm free flap for reconstruction of paramedian forehead after contact electric burn is limited.

Case Report

A 24-Year-old man was admitted with chronic wound and bone exposed with 0.5 cm necrotic bone, granulation surrounding bone exposed and also epithelization on left paramedian forehead, after he got an accidental electric burn one month ago. The size of bone defect is 3.0x3.0cm. The wound was treated with silferzulfadiazin 1% and jelonet every 3-5 days before he was referred to Plastic surgeon. On examination, patient had no other co-morbidities and CT scan of skull showed intact inner table. Right superficial temporal arteries and veins is good by direct palpation and an Allen's test for radial and ulnar artery also good on left forearm region.

Patient was prepared for surgery with planning of radial forearm free flap to cover forehead defect. This method is reasonable for this case because scarred tissue surrounding defect is rigid so it was difficult to move the tissue when selecting the local flap method to close the defect. The skin of the volar forearm provides relatively thin and reliable coverage for a wide variety of defects.

The operation steps include:

- First step**, we performed excision of necrotic bone and granulation surrounding margin of defect and prepared left temporal artery and vein as recipient. This case used one artery and one vein cause donor size is small.
- Second step**, we designed donor size. The donor size was 4 x4.5 cm, slightly larger than the size of the defect. The length of the pedicle corresponds to the nearest distance from the outer edge of the lateral side of the recipient ie 7,5 cm. To avoid the tension of the pedicles during anastomosis.
- Third step**, immediately after the flap elevation, flap inserted to defect and put pedicles inside the tunnel made between the outer edge of the defect and the recipient. Using an operating microscope, the stump of temporalis artery and vein were anastomosed with nylon 10.0 and we done 8 interrupted stitches on artery and 10 interrupted stitches on vein
- Fourth step**, donor defect was covered by skin grafting. A suction drain is used to evaluate bleeding and placed for 48 h under flap. Patients were discharged from hospital on the seventh

Figure



Figure 1 A and B defect after electric burn injury with th on left paramedian forehead. C. donor left antebrrachii. The donor size was 4 x4.5 cm, slightly larger than the size of the defect.



Figure 2 A, B And C coverage defect by radial forearm free flap with left temporal artery and vein as recipient.

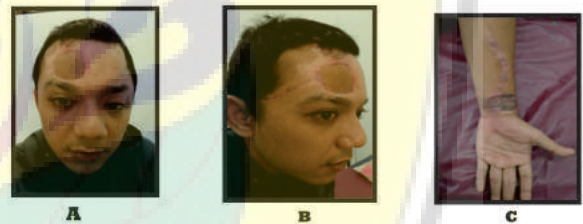


Figure 3 three months after reconstruction shows patient feel satisfaction and donor defect with minimal morbidity

Discussion

- Many techniques are considered as the method of resurfacing the defect of the forehead including radial forearm free flap (RFFF). RFFF was more commonly for reconstruction for younger patients and patient with smaller defect <7 cm in width. The advantages of RFFF provide thin, pliable tissue, constant vascular anatomy, large and long vascular pedicle that may improve replication of forehead skin and greater easy for donor harvesting.
- Donor morbidities after radial forearm free flap is still debated whether low or high morbidity. Research show donor site after RFFF associated with frequent complications included result of the poor transplant bed for a split-thickness skin graft because exposed region, wound healing problems because tendons are exposed and moving, oedema, reduction of the hand strength and wrist movement, dysaesthesia in the distribution area of the superficial branches of the radial nerve and also cold intolerance.
- Anastomosis technique of RFFF especially venous anastomosis may vary according to the clinical experience of the surgeon although the technique of dual anastomoses (superficial and deep vein) of venous drainage of radial forearm flap more recommended. for small flap, using one vein comitantes is recommended and good results. So that, RFFF is preferable given its shorter operative times and length of hospital stay.

Conclusion

- Radial forearm free flap can be recommended for paramedian forehead defect after burn injury with bone exposed. The result is acceptable and could fulfill cosmetic demans with minimal donor morbidity

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