MAYO CLINIC & CHANG GUNG
SYMPOSIUM IN
RECONSTRUCTIVE
SURGERY

OCTOBER 19-22, 2016
SHERATON HOTEL • MUNICH GERMANY

Chang Gung Memorial Hospital
Chang Gung University

In collaboration with
Academic Hospital Munich
Bogenhausen, Technical
University Munich

This meeting is endorsed by EURAPS
Dear Colleagues and Friends,

As course directors and local hosts, it is our pleasure and privilege to welcome you to the 6th Mayo Clinic Chang Gung Symposium in RECONSTRUCTIVE SURGERY, which will be held in Munich, Germany, October 19-22, 2016.

This Symposium has been organized as a collaboration between Mayo Clinic & Chang Gung Memorial Hospital since 2009 and it has become one of the most prestigious and scientifically invigorating meetings in the field of reconstructive surgery. Until now, this Symposium has been held in the USA and Taiwan.

This is the first time the Mayo Clinic Chang Gung Symposium will be held in Europe. Munich is a cosmopolitan city with an exceptional infrastructure. It offers its guests a unique atmosphere and well-known welcoming hospitality. Based on an excellent transportation system the city can be easily reached from anywhere. In 2010, Monocle ranked Munich as the world’s most livable city.

The scientific program will focus on new developments in plastic, reconstructive, craniofacial and aesthetic surgery especially in the multidisciplinary setting of regenerative medicine from diagnosis to state-of-the-art of less invasive treatment approaches. This meeting will offer a great faculty from the fields of reconstructive surgery, craniofacial surgery and for the first time keynote lectures in aesthetic topics giving the platform for scientific exchange and discussion. We would like to present the way to achieve excellence in function and aesthetics through reconstructive surgery.

It is well known that this Symposium offers a great opportunity for all of us to update our knowledge, meet up with friends and colleagues, old and new, and enjoy each other’s company. This is the best occasion to prepare the soil for fruitful scientific co-operation in the field of plastic, reconstructive and aesthetic surgery.

Apart from the exciting scientific schedule, you will certainly have the opportunity to get a taste of Munich’s artistic and cultural richness and exciting concerts, impressive exhibitions, culinary delights, sports events and excellent shopping. There is more to Munich than meets the eye!

We look forward to spending some inspiring days with you.

Milomir Ninkovic M.D., Ph.D.  Samir Mardini, M.D.  Fu-Chan Wei, M.D.
Interactive Video Sessions:
Videos of surgical procedures including flap dissections as well as reconstructions will be presented by expert faculty and discussed in small group settings.

Case Discussions
Attendees will have the opportunity to bring their own cases to discuss with experts in the field of reconstructive, craniofacial and aesthetic surgery.

Abstract Submission
You are invited to submit an abstract for an oral and poster presentation at the Mayo Clinic Chang Gung Symposium in Reconstructive Surgery. Abstracts are submitted through the website at www.rss-2016.com.

Deadline for receipt of abstracts is September 1 (See guidelines on the website). More information about abstract submission contact:
Email: munich@rss-2016.com
Phone: +49 - 89 - 189046 0

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Rochester, Minnesota, USA
### Wednesday, October 19, 2016
#### Pre-Conference Workshop
- **Video Presentation**

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>1:00</td>
<td>Registration</td>
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<td>4:00 p.m.</td>
<td>Registration</td>
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<tr>
<td>2:00 p.m.</td>
<td>Welcome and Introductory Remarks</td>
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<td>Room: Assam II</td>
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<td></td>
<td>Milomir Ninkovic, M.D., Ph.D.</td>
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<td>Samir Mardini, M.D.</td>
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<td>Fu-Chan Wei, M.D.</td>
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<td>2:05 p.m.</td>
<td>Interactive Surgical Procedure Demonstrations (Video Sessions)</td>
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<td>8:00 p.m.</td>
<td>Workhorse Conventional and Perforator Flaps</td>
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<td>Extremity Reconstruction, Perforator Flaps and General</td>
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<td>Room: Assam I</td>
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<td>8:00 p.m.</td>
<td>Head and Neck Reconstruction and Perforator Flaps</td>
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<td>Facial Reanimation and Facial Nerve Anatomy</td>
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### Thursday, October 20, 2016
#### General Sessions

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 a.m.</td>
<td>Registration</td>
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<tr>
<td>7:00</td>
<td>Welcome and Introductory Remarks</td>
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<tr>
<td>7:10 a.m.</td>
<td>Remarks</td>
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<tr>
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<td>Milomir Ninkovic, M.D., Ph.D.</td>
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<td>Samir Mardini, M.D.</td>
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<td>Fu-Chan Wei, M.D.</td>
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<tr>
<td>7:10 a.m.</td>
<td>Problem Analysis In Reconstructive Surgery: Reconstructive Ladders, Elevators, and Surgical Judgment</td>
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<td>Nicholas Vedder, M.D.</td>
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<tr>
<td>7:25 a.m.</td>
<td>Discussion</td>
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<td>7:30 a.m.</td>
<td>Workhorse Flaps in Reconstructive Surgery</td>
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<td>Fu-Chan Wei, M.D.</td>
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<td>7:45 a.m.</td>
<td>Discussion</td>
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<td>7:50 a.m.</td>
<td>Use of Technology in Reconstructive Surgery</td>
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<td>Matthew M. Hanasono, M.D.</td>
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<td>8:05 a.m.</td>
<td>Discussion</td>
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<td>8:10 a.m.</td>
<td>Tissue Engineering</td>
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<td>Jan J. Vranckx, M.D. Ph.D.</td>
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<td>8:25 a.m.</td>
<td>Discussion</td>
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<tr>
<td>8:30 a.m.</td>
<td>New Frontiers in Vascularized Bone Grafts</td>
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<td>Steven L. Moran, M.D.</td>
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SESSION II
Reconstructive Surgery: Principles, Advances & Controversies
Moderators:
Isao Koshima, M.D.
Steven Moran, M.D.
Hung-Chi Chen, M.D.

10.10 a.m. Perforator Flaps: Advances and Controversies
Phillip N. Blondeel, M.D., Ph.D.

10:25 a.m. Discussion

10:30 a.m. Innovations in Reconstructive Microsurgery
Chih-Hung Lin, M.D.

10:45 a.m. Discussion

10:50 a.m. Advances in Fetal Surgery
Nicholas Wetjen, M.D.

11:05 a.m. Discussion

11:10 a.m. Update on Classification and Treatment of Vascular Anomalies
Beatriz Berenguer, M.D., Ph.D.

11:25 a.m. Discussion

11:30 a.m. Transfer of Intra-abdominal Organs for a Variety of Reconstructions
Hung-Chi Chen, M.D., Ph.D.

SESSION III
Vascularized Composite Tissue Allotransplantation (VCA)
Moderators:
Hatem Amer, M.D.
Yur-Ren Kuo, M.D., Ph.D.
Samir Mardini, M.D.

1:30 p.m. Starting and Maintaining a VCA Program
Laurent Lantieri, M.D.

1:45 p.m. Developing a Consensus on the Psychosocial Evaluation of VCA Candidates
Sheila Jowsey, M.D.

2:00 p.m. Face Transplantation – Outcomes and Controversies
Bohdan Pomahac, M.D.

2:15 p.m. Virtual Surgical Planning in Face Transplantation
Samir Mardini, M.D.

2:30 p.m. Immunosuppression in VCA Patients
Hatem Amer, M.D.

2:45 p.m. Discussion

2:55 p.m. VCA in Children – Challenges and Opportunities
Ronald Zuker, M.D.

3:10 p.m. Uterus Allotransplantation
Omer Ozkan, M.D.

3:25 p.m. Stem Cell Therapies in Reconstructive Transplantation
Maria Siemionow, M.D.

3:40 p.m. Discussion

3:50 p.m. Refreshment Break
SESSION IV
Vascularized Composite Allotransplantation (VCA)
Moderators:
Maria Siemionow, M.D.
Laurent Lantieri, M.D.
Bohdan Pomahac, M.D.

4:10 p.m. Hand Allo-Transplantation Up-To-Date
L. Scott Levin M.D. FACS

4:30 p.m. Discussion

4:35 p.m. Should VCA Be Considered a Routine Clinical Procedure
Hatem Amer, M.D.

4:50 p.m. The Progress of Hand Allotransplantation Program in Taiwan
Yur-Ren Kuo, M.D., Ph.D.

5:05 p.m. Bilateral Hand and Forearm Allotransplantation-Follow up 16/13 Years
Milomir Ninkovic, M.D., Ph.D.

5:20 p.m. Discussion

5:25 p.m. Special Presentation: Living with Transplanted Hands: My Personal Experience of Sixteen Years
Theo Kelz

5:40 p.m. Refreshment Break

SESSION V
Cleft, Craniofacial and General Reconstruction
Moderators:
Jeffrey C. Posnick D.M.D., M.D.
Beatriz Berenguer, M.D., Ph.D.
Philip KT Chen, M.D.

6:00 p.m. Smile Train Express: Managing Surgical Quality On a Global Scale
Eric H. Habli, M.D.

6:15 p.m. Discussion

6:20 p.m. Paradigm Shift in Treating the Severe Treacher-Collins Airway: Subcranial Rotation Distraction
Richard A. Hopper, M.D.

6:35 p.m. Discussion

6:40 p.m. Comprehensive Correction of Developmental Jaw Deformities: Where We Are Today
Jeffrey C. Posnick, D.M.D., M.D.

6:55 p.m. Discussion

7:00 p.m Primary Nasal Reconstruction in Unilateral Cleft Lip Repair
Philip KT Chen, M.D.

7:15 p.m. Discussion

7:20 p.m. Sternum Osteomyelitis – Treatment with Av-Loops and Free Flaps
Raymund Horch, M.D.

7:35 p.m. Discussion

7:45 – Reception

FRIDAY, OCTOBER 21, 2016

6:30 a.m. Registration

SESSION VI
Breast
Moderators:
Peter G. Cordeiro, M.D., FACS
Michel Saint-Cyr, M.D.
Jan J. Vranckx, M.D. Ph.D.
Phillip Blondeel, M.D., Ph.D.

7:30 a.m. Alternative Perforator Flaps for Breast Reconstruction
Jaume Masia M.D., Ph.D.

7:45 a.m. The Use of 3D Technology in the Delayed Autologous Breast Reconstruction
Uroš Ahcan, M.D., Ph.D.

8:00 a.m. Discussion

8:05 a.m. Mastopexy Up-to-Date
Giovanni Botti, M.D.

8:20 a.m. Discussion

8:25 a.m. Enhanced Recovery after Surgery in Microsurgical Breast Reconstruction: Implementation and Cost Analysis
Valerie Lemaine, M.D., MPH

8:40 a.m. Discussion
8:45 a.m. Fat-graft Protocol for Total Autologous Reconstruction Following Nipple-Sparing Mastectomy in Irradiated and Non-irradiated Breasts
Fabio Santanelli di Pompeo, M.D., Ph.D.

9:00 a.m. Discussion

9:05 a.m. Management of Microsurgical Complications in the Setting of Autologous Breast Reconstruction
Ulrich Kneser, M.D., Ph.D.

9:20 a.m. Discussion

9:25 a.m. Refreshment Break

SESSION VII
Breast and Lymphatic
Moderators:
Isao Koshima, M.D.
Jaume Masia, M.D., Ph.D.
Uroš Ahcan, M.D., Ph.D.

9:45 a.m. Optimizing Aesthetic Results with Two-Stage Implant Breast Reconstruction—Technical and Conceptual Considerations
Peter G. Cordeiro, M.D.

10:00 a.m. Discussion

10:05 a.m. Optimizing Aesthetic Outcomes in Autogenous Breast Reconstruction
Phillip N. Blondeel, M.D., Ph.D.

10:20 a.m. Reconstruction of Partial Breast Defects
William J. Casey, III, M.D.

10:35 a.m. Discussion

10:40 a.m. Breast Implant Pain
Nho (Bill) V. Tran, M.D.

10:55 a.m. Discussion

11:00 a.m. Current treatment of Lymphedema
Peter Neligan, MB

11:15 a.m. Reverse Lymphatic Mapping in Vascularized Lymph Node Transfer – Update on Outcomes and Technique
Joseph H. Dayan, M.D.

11:30 a.m. Lessons Learned from Microvascular Lymph Node Transfer
Hans-Günther Machens, M.D.

11:45 a.m Advances and Future Direction in Lymphedema Surgery
Isao Koshima, M.D.

12:00 p.m. Discussion

12:10 p.m. Lunch

Session VIII
General Reconstruction
Moderators:
Geoffrey G. Hallock, M.D.
Hung-Chi Chen, M.D., Ph.D.
Günter Germann, M.D.
Steven Moran, M.D.

1:00 p.m. Fat Grafting, Principles, Advances and Controversies
Peter Rubin, M.D.

1:15 p.m. Discussion

1:20 p.m. Strategies and Techniques in the Reconstruction of Complex Skull Base Defects
Peter M. Vogt, M.D., Ph.D.

1:35 p.m. Discussion

1:40 p.m. Pediatric Microsurgery
Günter Germann, M.D.

1:55 p.m. The Free Omentum Flap in Reconstructive Surgery
Lukas Prantl, M.D.

2:10 p.m. Discussion

2:15 p.m. Best Paper Presentation: Soft Tissue Sarcomas of the Extremities: What Is the Best Surgical Margin?
Marcus Lehnhardt, M.D.

2:30 p.m. Discussion

2:35 p.m. Arteriovenous Loop Independent Free Flap Reconstruction of Sternal Defects After Cardiac Surgery
Ulf Dornseifer, M.D.

2:50 p.m. Discussion

2:55 p.m. Refreshment Break
SESSION IX  
Upper Extremity and Hand Reconstruction  

Moderators:
Nicholas Vedder, M.D.  
Chih-Hung Lin, M.D.  
Joon Pio Hong, M.D., Ph.D.  
Raymund Horch, M.D.  

3:20 p.m. Restoration of Function in Pseudoparalytic Shoulders by Muscle-Tendon Transfer Techniques  
Ludwig Seebauer, M.D.  

3:35 p.m. Hemipulp and Vascularized Joint Transfer: Surgical Anatomy and Clinical Cases  
Paolo Sassu, M.D.  

3:50 p.m. Discussion  

3:55 p.m. Customized Vascularized Toe Joint Transfers for Finger Pip Joint Reconstruction  
Yu-Te Lin, M.D., M.S.  

4:10 p.m. Thumb Reconstruction Using Bone Distraction and Partial Great Toe-to-Hand Transfer  
Frank Herter, M.D.  

4:25 p.m. Discussion  

4:30 p.m. Propeller Perforator Flaps in Upper Limb  
Alexandru V. Georgescu, M.D., Ph.D.  

4:45 p.m. Free Style Perorator Flap in Upper Extremity Reconstruction  
Seng-Feng Jeng, M.D.  

5:00 p.m. Discussion  

5:05 p.m. Special Lecture: The Chimeric Flap: A Quarter Century Odessey  
Geoffrey G. Hallock, M.D.  

5:20 p.m. Discussion  

5:25 p.m. Refreshment Break  

SESSION IX  
Free Papers  

5:50 – Session IXa. Head and Neck, Craniofaicial, and General Reconstruction  
Room: Cuvillies I  
Moderators:  
Peter Neligan  
Geoffrey G. Hallock, M.D.  
Matthew Hanasono, M.D.  
Seng-Feng Jeng, M.D.  
Frank Heller, M.D., PhD.  
Eric Hubli, M.D.  
Jan J. Vranckx, M.D., PhD, Richard Hopper, M.D.  

5:50 – Session IXb. Extremity, Transplant and General Reconstruction  
Room: Cuvillies II  
Moderators:  
Chih-Hung Lin, M.D.  
Alexandru V. Georgescu, M.D., PhD.  
Ozlenen Ozkan, M.D.  
Hatem Amer, M.D  
Yu-Ren Kuo, M.D.  
Karen Evans, M.D.  
Christopher J. Salgado, M.D.  
Paolo Sassu, M.D.  
Omer Ozkan, M.D.  

5:50 – Session IXd. Breast and Lymphedema Followed by Video Session  
Room: Kleu 2-e  
Moderators:  
Peter Rubin, M.D.  
Jaume Masia, M.D., Ph.D.  
William Casey, M.D.  
Nho (Bill) V. Tran, M.D.  
Joseph Dayan, M.D.  
Eric Santamaria, M.D.  
Wieslawa De Pawlikoski, M.D. FACS  

Interactive Video Session: Aesthetic Face Lift Technique  
Room: Kleu  
Patrick L Tonnard, M.D.  

8.00 p.m. October Fest Evening
SESSION X
Head & Neck and Craniofacial
Moderators:
Peter Neligan, MB
Nho (Bill) V. Tran, M.D.
Eric Hubli, M.D.

7:30 a.m. Managing Complications in Head and Neck Reconstruction
Fu-Chan Wei, M.D.

7:45 a.m. Microsurgical Reconstructions in Children and Adults with Craniofacial Deformities
Eric Santamaria, M.D.

8:00 a.m. Extended Indications in the Use of Fibula Flaps in Maxilla Reconstruction
Giorgio De Santis, M.D.

8:15 a.m. Discussion

8:20 a.m. Vascular Bridge Flap for Reconstruction for Complex Head and Neck Cancers and Extensive Crush Injury of Extremities
Hung-Chi Chen, M.D., Ph.D.

8:35 a.m. Refinement in Flap Design and Inset for Pharyngoesophageal and Phonated Reconstruction with Free Thigh Flaps
Chung-Kan Tsao, M.D.

8:50 a.m. Discussion

8:55 a.m. Normalization of Facial and Orbital Ratios in Apert Patients Using Segmental LeFort Distraction
Richard A. Hopper, M.D.

9:10 a.m. Discussion

9:15 a.m. Innovation in Head and Neck Reconstructions: Prefabrication, Transplantation and 3D Technology
Jan J. Vranckx, M.D. Ph.D.

9:30 a.m. Discussion

9:35 a.m. Refreshment Break

SESSION XI
Facial Reanimation and Craniofacial
Moderators:
Ronald M. Zuker, M.D.
Michael Klebuc, M.D.
David C.C. Chuang, M.D.

9:50 a.m. Keys to Success in Muscle Transplantation for Facial Paralysis
Ronald M. Zuker, M.D., FRCSC, FACS

10:05 a.m. Discussion

10:10 a.m. Exploring the Versatile Role of the Masseter Nerve in Facial Reanimation
Michael Klebuc, M.D.

10:25 a.m. Discussion

10:30 a.m. Facial Palsy: Using Nerve Transfers, Functional Muscle Transfers, and Static Approaches
Shai Rozen, M.D., F.A.C.S

10:45 a.m. Discussion

10:50 a.m. The Golden Ratio
Frank Heller

11:05 a.m. Discussion

11:10 a.m. Various Applications of the Furlow Palatoplasty
Philip KT Chen, M.D.

11:25 a.m. Discussion

11:30 a.m. Keynote Lecture:
Facial Reanimation with Gracilis Muscle: Comparison of Results using Cross Face, Spinal Accessory and Trigeminal Nerves for Re-Innervation
David C.C. Chuang, M.D.

12:00 p.m. Discussion
12:05 p.m. Lunch

Session XII
Lower Extremity Reconstruction
Moderators:
Andrej Banic M.D., Ph.D.
Christopher Attinger, M.D.
Yu-Te Lin, M.D.

1:00 p.m. Improving Form and Function in Lower Extremity Soft Tissue Reconstruction
Nicholas Vedder, M.D.

1:15 p.m. Discussion
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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
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<tr>
<td>1:20</td>
<td>The Lateral Femoral Condyle Flap</td>
<td>Heinz Buerger, M.D.</td>
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<td>1:35</td>
<td>Discussion</td>
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<td>1:40</td>
<td>Bone Reconstruction of the Lower Leg</td>
<td>Andrej Banic M.D., Ph.D.</td>
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<td>1:55</td>
<td>Discussion</td>
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<td>2:00</td>
<td>Vascularized Fibula Plus Allograft In Tibia Reconstruction After Sarcoma Resection</td>
<td>Marco Innocenti, M.D.</td>
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<td>2:15</td>
<td>Diabetic Foot Reconstruction</td>
<td>Joon Pio Hong, M.D., Ph.D.</td>
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<td>2:30</td>
<td>Function Trumps All in Lower Limb Reconstruction</td>
<td>Christopher Attinger, M.D.</td>
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<td>Discussion</td>
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<td>3:00</td>
<td>Refreshment Break</td>
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<td>3:00</td>
<td>SESSION XIII</td>
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<td>3:20</td>
<td>Plexus Brachialis and Peripheral Nerve Surgery</td>
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<td>David CC Chuang, M.D.</td>
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<td>Ivica Ducic, M.D., Ph.D.</td>
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<td>Wieslawa De Pawlikoski, M.D.</td>
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<td>3:20</td>
<td>Late Nerve Transfers in Obstetrical Brachial Plexus Palsy</td>
<td>Wieslawa De Pawlikoski, M.D., FACS</td>
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<td>3:35</td>
<td>Discussion</td>
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<td>3:40</td>
<td>Critical Variables Affecting Nerve Regeneration: Evidence-Based Data</td>
<td>Ivica Ducic, M.D., Ph.D.</td>
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<td>3:55</td>
<td>Discussion</td>
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<td>4:00</td>
<td>Changes of Paradigms: From Anatomic Reconstruction to Nerve Transposition in Upper Extremity Peripheral Nerve Lesions</td>
<td>Riccardo Giunta, M.D., Ph.D.</td>
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<td>4:15</td>
<td>Discussion</td>
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<td>4:20</td>
<td>Transgender Surgery, Principles, Techniques and Controversies</td>
<td>Christopher J. Salgado</td>
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<td>4:35</td>
<td>Discussion</td>
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<td>4:40</td>
<td>Scapular and Parascapular Flaps</td>
<td>Salvatore C. Lettieri, M.D.</td>
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<td>4:55</td>
<td>Perforator Flaps with a Short Pedicle</td>
<td>Özlenen Özkan, M.D.</td>
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<td>5:10</td>
<td>Pre-expanded Flaps in Reconstructive Microsurgery</td>
<td>Niclas Broer M.D., Ph.D.</td>
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<td>Refreshment Break</td>
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<td>5:45</td>
<td>Microfat, SNIF and Nanofat from Filling to Cell Therapy</td>
<td>Patrick L. Tonnard, M.D.</td>
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<td>6:05</td>
<td>Discussion</td>
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<td>6:10</td>
<td>Functional and Aesthetic Genital Surgery in Males and Females</td>
<td>Christopher J. Salgado, M.D.</td>
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<td>6:25</td>
<td>Discussion</td>
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<td>6:30</td>
<td>Breast Augmentation: State-of-the-Art</td>
<td>Fabio Santanelli di Pompeo, M.D., Ph.D.</td>
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<td>6:50</td>
<td>Craniofacial Rejuvenation: A New Paradigm in the Reconstruction of Youth</td>
<td>Patrick L. Tonnard, M.D.</td>
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<td>7:10</td>
<td>Discussion</td>
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<td>7:15</td>
<td>Closing Remarks</td>
<td>Milomir Ninkovic, M.D., Ph.D.</td>
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<td>Samir Mardini, M.D.</td>
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<td>Fu-Chan Wei, M.D.</td>
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