



# MAYO CLINIC & CHANG GUNG RECONSTRUCTIVE SURGERY SYMPOSIUM



## SCHOLARSHIPS AVAILABLE

Please email Dr. Samir Mardini at [mardini.samir@mayo.edu](mailto:mardini.samir@mayo.edu) with your request.

REGISTER TODAY AT: [WWW.RSS-2016.COM](http://WWW.RSS-2016.COM)

# 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 MD, 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](http://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](mailto:munich@rss-2016.com)

**Phone:** +49 - 89 - 189046 0

## Faculty

### COURSE DIRECTORS

*Milomir Ninkovic, MD, Ph.D.*

Professor of Plastic Surgery  
Chairman Department of Plastic,  
Reconstructive, Hand and Burn Surgery  
Academic Hospital Munich Bogenhausen,  
Technical University  
Munich, Germany

*Samir Mardini, MD*

Professor of Surgery  
Mayo Clinic College of Medicine  
Program Director, Plastic Surgery  
Surgical Director  
Essam and Dalal Obaid Center for  
Reconstructive Transplant Surgery  
Mayo Clinic  
Rochester, Minnesota, USA

*Fu-Chan Wei, MD, FACS*

Distinguished Chair and Professor  
Department of Plastic Surgery  
Chang Gung Memorial Hospital  
Chang Gung University, Medical College  
Taipei, Taiwan

### HONORARY CHAIRPERSONS

*Chih-Hung Lin, MD*

Vice Superintendent  
Professor of Plastic Surgery  
Chang Gung Memorial Hospital  
Chiayi, Taiwan

*Steven L. Moran, MD*

Professor of Orthopedics and Plastic Surgery  
Chair, Plastic Surgery Division  
Department of Surgery  
Mayo Clinic  
Rochester, Minnesota, USA

*David CC Chuang, MD*

President, WSRM 2015-2017  
Professor of Plastic Surgery  
Division of Reconstructive Microsurgery  
Department of Plastic and Reconstructive  
Surgery  
Chang Gung Memorial Hospital  
Taoyuan, Taiwan

### NATIONAL AND INTERNATIONAL FACULTY

*Uros Ahcan, MD, Ph.D.*

Professor and Head  
Department of Plastic Surgery and Burns  
University Medical Centre  
Ljubljana, Slovenia

*Andrej Banic, MD, Ph.D.*

Professor of Plastic and Reconstructive  
Surgery  
Banic Plastic Surgery  
Bern, Switzerland

*Beatriz Berenguer MD, Ph.D.*

Professor of Plastic Surgery  
Division of Pediatric Plastic Surgery  
Hospital Universitario Gregorio Marañón  
EURAPS President 2016-17  
Madrid, Spain

*Phillip N. Blondeel, MD, Ph.D., FCCP*

Professor of Plastic Surgery  
Department of Plastic and Reconstructive  
Surgery  
University Hospital Gent  
Gent, Belgium

*Giovanni Botti, MD*

Villa Bella Clinic  
Salo, Italy

*Heinz Burger, MD*  
Attending, Department for Plastic and  
Reconstructive Surgery  
Klinikum Klagenfurt  
Austria

*Giorgio De Santis, MD*  
Professor of Plastic, Reconstructive and  
Aesthetic Surgery  
Director OU - C Reconstructive Plastic  
Surgery  
AOU Policlinico of Modena  
Director of the Department of Medical and  
Surgical Sciences  
University of Modena and Reggio Emilia  
Modena, Italy

*Alexandru V. Georgescu, M.D., Ph.D.*  
Professor of Plastic Surgery  
University of Medicine "Iuliu Hațieganu"  
Cluj Napoca  
Chairman Department of Plastic Surgery  
and Reconstructive Microsurgery  
Recovery Clinical Hospital  
Cluj Napoca, Romania

*Günter Germann, MD*  
Professor of Plastic and Reconstructive  
Surgery  
University of Heidelberg  
Medical Director  
ETHIANUM Klinik Heidelberg  
Munich, Germany

*Riccardo Giunta, MD, Ph.D.*  
Professor and Chief  
Department of Hand, Plastic, and  
Aesthetic Surgery,  
Ludwig-Maximilians- University  
Munich, Germany

*Frank Heller, MD, DDS*  
Consultant in Maxillofacial Surgery  
Maria-Help Hospital  
Krefeld, Germany  
General Hospital  
Viersen, Germany

*Joon Pio Hong, MD, Ph.D.*  
Professor Department of Plastic Surgery  
Asan Medical Center University of Ulsan  
Seoul, Korea

*Raymund Horch, MD*  
Professor Plastic and Hand Surgery  
President of the German Society of Plastic  
Reconstructive and Aesthetic Surgeons  
Director and Chair Plastic and Hand Surgery  
Universitätsklinikum Erlangen  
Friedrich-Alexander-Universität Erlangen  
Erlangen, Germany

*Marco Innocenti, MD*  
Professor of Plastic Surgery  
University of Florence,  
Director Plastic & Reconstructive  
Microsurgery Department  
Careggi University Hospital,  
Florence, Italy

*Ulrich Kneser, MD, Ph.D.*  
Professor and Director  
Department for Hand, Plastic,  
Reconstructive and Microsurgery  
University Hospital Ludwigshafen,  
Ludwigshafen, Germany

*Isao Koushima, MD*  
Professor and Chief  
Plastic, Reconstructive and Aesthetic  
Surgery  
University of Tokyo Hospital  
Tokyo, Japan

*Laurent Lantieri, MD, Ph.D.*  
Professor of Plastic Surgery  
Head of Department of Plastic Surgery  
Georges Pompidou European Hospital  
Paris, France

*Jaume Masia, MD, Ph.D.*  
Professor of Plastic Surgery  
Chief Plastic Surgery Department  
Director European School of  
Reconstructive Microsurgery  
Barcelona, Spain

*Hans-Günther Machens, MD*  
Professor of Plastic Surgery and Hand Surgery  
Director and Chair Plastic and Hand Surgery  
Technical University Munich (TUM)  
Munich, Germany

*Ömer Özkan, MD*  
Professor of Plastic Surgery  
Omer Ozkan Clinic and Akdeniz University  
Hospital  
Antalya, Turkey

*Özlenen Özkan, MD*  
Associate Professor  
Akdeniz University Hospital  
Head of Plastic and Reconstructive  
Surgery Department  
Antalya, Turkey

*Wieslawa De Pawlikoski, M.D. FACS*  
Chief of Plastic Surgery  
Instituto Nacional De Salud Del Niño-San  
Borja  
Lima, Peru

*Lukas Prantl, MD*  
Professor Department of Plastic Surgery  
University Hospital Regensburg,  
Regensburg, Germany



*Eric Santamaria, MD*  
Professor Department of Plastic Surgery  
Hospital General "Dr. Manuel Gea Gonzalez"  
Universidad Nacional Autonoma de Mexico  
Mexico City, Mexico

*Fabio Santanelli di Pompeo, MD, Ph.D.*  
Secretary General EURAPS  
Chairman of Plastic Surgery  
"Sapienza" University of Rome  
School of Medicine and Psychology  
Rome, Italy

*Paolo Sassu, MD*  
Senior Consultant  
Director, Hand Surgery Transplant  
Program  
Sahlgrenska University Hospital  
Gothenburg, Sweden

*Patrick Tonnard, MD*  
Chief, Coupure Centrum Voor Plastische  
Chirurgie  
Gent, Netherlands

*Peter M. Vogt, MD*  
Professor and Director  
Clinic for Plastic, Aesthetic and Hand Surgery  
University Hospital Hannover  
Hannover, Germany

*Jan J. Vranckx, MD, Ph.D.*  
Professor & Chief Department of Plastic  
& Reconstructive Surgery  
& Lab of Plastic Surgery & Tissue  
Engineering Research  
KU-Leuven University Hospitals  
Leuven, Belgium

*Ronald M. Zuker, MD, FRCSC, FACS*  
Staff Surgeon  
The Hospital for Sick Children  
Professor of Surgery  
The University of Toronto  
Toronto, Canada

## **UNITED STATES FACULTY**

*Christopher Attinger, MD*  
Interim Chairman, Department of Plastic  
Surgery  
Georgetown University  
Washington, DC

*David W. Chang, MD, FACS*  
Professor of Surgery  
Section of Plastic and Reconstructive  
Surgery  
Department of Surgery  
University of Chicago Medicine &  
Biological Sciences  
Chicago, Illinois

*Peter G. Cordeiro, MD, FACS*  
Chief, Plastic and Reconstructive Surgery  
Memorial Sloan-Kettering Cancer Center  
Professor of Surgery  
Weill Cornell Medical College  
New York, New York

*Joseph H. Dayan, MD*  
Co-director, Lymphatic Surgery and  
Research Program  
Memorial Sloan Kettering Cancer Center  
New York, New York

*Ivica Ducic, MD, Ph.D.*  
Clinical Professor of Surgery  
Director, Plastic Surgery, Nerve & Headache  
Institute  
The George Washington University  
Washington, DC

*Karen Kim Evans, MD*  
Associate Professor of Plastic Surgery  
Georgetown University Medical Center  
Washington, DC

*Geoffrey G. Hallock, MD*  
Consultant in Plastic Surgery  
Sacred Heart Hospital  
Allentown, Pennsylvania

*Matthew M. Hanasono, MD*  
Professor  
The University of Texas MD Anderson  
Cancer Center  
Houston, Texas

*Richard A. Hopper, MD*  
Professor, University of Washington  
Chief, Division of Pediatric Plastic Surgery  
Surgical Director, The Craniofacial Center  
Seattle Children's Hospital  
Seattle, Washington

*Eric H. Hubli, MD*  
Medical Director, Craniofacial & Cleft  
Services  
Cook Children's Medical Center  
Fort Worth, Texas

*Michael Klebuc, MD*  
Associate Clinical Professor of Plastic and  
Reconstructive Surgery  
Weill Cornell Medical College  
Director, Center for Facial Paralysis Surgery  
and Functional Restoration  
Methodist Hospital  
Houston, Texas

*L. Scott Levin, MD, FACS*  
Paul B. Magnuson Professor of Bone and  
Joint Surgery  
Chairman, Department of Orthopaedic Surgery  
Professor of Surgery (Plastic Surgery)  
Perelman School of Medicine, University of  
Pennsylvania  
Philadelphia, PA

*Peter Neligan, MB, FRCS(I), FRCSC, FACS*  
Professor of Surgery  
Director, Center for Reconstructive Surgery  
University of Washington,  
Seattle, Washington

*Michael Neumeister, MD, FACS, FRCS*  
Chairman  
Department of Surgery & Plastic Surgery  
Southern Illinois University School of  
Medicine  
Springfield, IL

*Bohdan Pomahac, MD*  
Director, Plastic Surgery Transplantation  
Medical Director, BWH Burn Center  
Associate Professor  
Harvard Medical School  
Boston, Massachusetts

*Jeffrey C. Posnick DMD, MD, FRCS (C), FACS*  
Director, Posnick Center for Facial Plastic  
Surgery  
Clinical Professor of Surgery and  
Pediatrics  
Georgetown University, Washington, DC  
Adjunct Professor of Orthodontics  
University of Maryland, Baltimore College  
of Dental Surgery  
Adjunct Professor of Oral and  
Maxillofacial Surgery  
Howard University College of Dentistry  
Washington, DC

*Shai Rozen, M.D., F.A.C.S*  
Associate Professor  
Director of Microsurgery  
Director of the Facial Palsy Program  
Department of Plastic Surgery  
UT Southwestern Medical Center  
Dallas, Texas

*Peter Rubin, MD*  
Chair of the Department of Plastic Surgery  
University of Pittsburg  
Pittsburg, Pennsylvania

*Michel Saint-Cyr, MD*  
Director, Division of Plastic Surgery  
Wigley Professorship in Plastic Surgery  
Temple, Texas

*Christopher J. Salgado, MD*  
Professor of Surgery  
Division of Plastic Surgery  
Section Chief, University of Miami Hospital  
Medical Director, Gender and Sexual Health  
Program  
Miami, Florida

*Maria Siemionow, MD, Ph.D.*  
Professor of Orthopaedics  
Director of Microsurgery Research  
University of Illinois at Chicago  
Chicago, Illinois

*Nicholas Vedder, MD*  
Professor of Surgery and Orthopaedics  
Chief Plastic Surgery  
Vice Chair, Department of Surgery  
University of Washington  
Seattle, Washington

## **BOGENHAUSEN FACULTY**

*Niclas Broer, MD*  
Attending Plastic Surgeon  
Department of Plastic, Reconstructive, Hand  
and Burn Surgery  
Academic Hospital Munich Bogenhausen  
Technical University Munich  
Munich, Germany

*Ulf Dornseifer, MD*  
Attending Plastic Surgeon  
Department of Plastic, Reconstructive, Hand  
and Burn Surgery  
Academic Hospital Munich Bogenhausen  
Technical University Munich  
Munich, Germany

*Frank Herter, MD*  
Attending Plastic and Hand Surgeon  
Department of Plastic, Reconstructive, Hand  
and Burn Surgery  
Academic Hospital Munich Bogenhausen  
Technical University Munich  
Munich, Germany

*Ludwig Seebauer, MD*  
Chief, Department of Orthopedic Surgery  
and Traumatology  
Academic Hospital Munich Bogenhausen  
Technical University  
Munich, Germany

## **CHANG GUNG MEMORIAL HOSPITAL AND TAIWAN FACULTY**

*Hung-Chi Chen, MD, Ph.D., F.A.C.S*  
Director, International Medicine  
Professor, Department of Plastic Surgery  
China Medical University  
Taichung, Taiwan

*Philip KT Chen, MD*  
Professor of Plastic Surgery  
Chang Gung Memorial Hospital  
Chang Gung University  
Taipei, Taiwan

*Seng-Feng Jeng, MD*  
Professor of Plastic Surgery  
Vice Superintendent  
E-DA Hospital/I-Shou University  
Kaohsiung, Taiwan

*Yur-Ren Kuo, MD, Ph.D.*

Professor of Plastic Surgery  
Center for Stem Cell Research,  
Kaohsiung Medical University and Hospital  
Department of Biological Sciences,  
National Sun Yat-sen University  
Kaohsiung, Taiwan

*Chih-Hung Lin, MD*

Vice Superintendent  
Professor of Plastic Surgery  
Chang Gung Memorial Hospital  
Chayi, Taiwan

*Cheng-Hung Lin, MD*

Associate Professor  
Division of Trauma Plastic Surgery  
Department of Plastic Surgery  
Chang Gung Memorial Hospital  
Taoyuan, Taiwan

*Yu-Te Lin, MD MS*

Associate Professor  
Plastic and Reconstructive Surgery  
Chairman, Department of Surgery  
Chang Gung Memorial Hospital  
Keelung, Taiwan

*Chung-Kan Tsao, MD*

Assistant Professor and Chief  
Division of Reconstructive Microsurgery  
Department of Plastic Surgery  
Chang Gung Memorial Hospital  
Linkou, Taiwan

## MAYO CLINIC FACULTY

*Hatem Amer, MD, FASN, EAST*

Associate Professor of Medicine,  
Medical Director Essam and Dalal Obaid  
Center for Reconstructive Transplant  
Surgery  
The William J von Liebig Center for  
Transplantation and Clinical Regeneration  
Rochester, Minnesota, USA

*William Casey, MD*

Assistant Professor of Plastic Surgery  
Consultant, Division of Plastic Surgery  
Scottsdale, Arizona, USA

*Sheila G. Jowsey-Gregoire, MD*

Assistant Professor of Psychiatry,  
Co-Chair Division of Professionalism  
Dept. of Psychiatry and Psychology  
Rochester, Minnesota, USA

*Valerie Lemaine, MD, MPH*

Assistant Professor of Plastic Surgery  
Consultant, Division of Plastic Surgery  
Rochester, Minnesota, USA

*Salvatore C. Lettieri, MD*

Assistant Professor of Plastic Surgery  
Consultant, Division of Plastic Surgery  
Rochester, Minnesota, USA

*Nho (Bill) V. Tran, MD*

Associate Professor of Plastic Surgery  
Consultant, Division of Plastic Surgery  
Rochester, Minnesota, USA

*Nicholas Wetjen, MD*

Associate Professor of Neurosurgery  
Consultant, Neurosurgery  
Rochester, Minnesota, USA



# MAYO CLINIC & CHANG GUNG RECONSTRUCTIVE SURGERY SYMPOSIUM

## PRELIMINARY PROGRAM SCHEDULE

### WEDNESDAY, OCTOBER 19, 2016 PRE-CONFERENCE WORKSHOP – Video presentation

- 1:00 – Registration  
4:00 p.m.
- 2:00 p.m. Welcome and  
Introductory Remarks  
– Room X  
*Milomir Ninkovic, M.D., Ph.D.*  
*Samir Mardini, M.D.*  
*Fu-Chan Wei, M.D.*
- 2:05 – INTERACTIVE SURGICAL  
8:00 p.m. PROCEDURE  
DEMONSTRATIONS  
(VIDEO SESSIONS)  
Workhorse Conventional and  
Perforator Flaps  
Extremity Reconstruction,  
Perforator Flaps and General  
– Room Y
- 2:05 – INTERACTIVE SURGICAL  
8:00 p.m. PROCEDURE  
DEMONSTRATIONS  
(VIDEO SESSIONS)  
Head and Neck Reconstruction  
and Perforator Flaps  
Facial Reanimation and Facial  
Nerve Anatomy  
– Room Z
- 4:00 – INTERACTIVE SURGICAL  
8:00 p.m. PROCEDURE  
DEMONSTRATIONS  
(VIDEO SESSIONS)  
Cleft and Craniofacial  
Aesthetic  
– Main Auditorium
- 4:00 – INTERACTIVE SURGICAL  
8:00 p.m. PROCEDURE  
DEMONSTRATIONS  
(VIDEO SESSIONS)  
Lymphedema, Breast  
Reconstruction and Perforator  
Flaps

### THURSDAY, OCTOBER 20, 2016 GENERAL SESSIONS

- 6:30 – Registration and  
7:30 a.m. Breakfast
- 7:30 – Welcome and Introductory  
7:35 a.m. Remarks  
*Milomir Ninkovic, M.D., Ph.D.*  
*Samir Mardini, M.D.*  
*Fu-Chan Wei, M.D.*
- SESSION I**  
**Reconstructive Surgery: Principles,  
Advances & Controversies**  
Moderators:  
*Fu-Chan Wei, M.D.*  
*Milomir Ninkovic, M.D., Ph.D.*  
*Samir Mardini, M.D.*
- 7:10 a.m. **Problem Analysis In  
Reconstructive Surgery:  
Reconstructive Ladders,  
Elevators, and Surgical  
Judgment**  
*Nicholas Vedder, M.D.*
- 7:25 a.m. **Discussion**
- 7:30 a.m. **Workhorse Flaps in  
Reconstructive Surgery**  
*Fu-Chan Wei, M.D.*
- 7:45 a.m. **Discussion**
- 7:50 a.m. **Use of Technology in  
Reconstructive Surgery**  
*Matthew M. Hanasono, M.D.*
- 8:05 a.m. **Discussion**
- 8:10 a.m. **Tissue Engineering**  
*Jan J. Vranckx, M.D. Ph.D.*
- 8:25 a.m. **Discussion**
- 8:30 a.m. **Pediatric Microsurgery**  
*Günter Germann, M.D.*



- 8:45 a.m. **Discussion**
- 8:50 a.m. **Do Muscle Flaps Have Any Role Anymore?**  
*Geoffrey G. Hallock, M.D.*
- 9:05 a.m. **Discussion**
- 9:10 a.m. **The Perforasome Theory: Vascular Anatomy and Clinical Implications**  
*Michel Saint-Cyr, M.D.*
- 9:25 a.m. **Discussion**
- 9:30 a.m. **Cleft Lip and Palate Reconstruction: Where We Are Today**  
*Jeffrey C. Posnick D.M.D., M.D.*
- 9:45 a.m. **Discussion**
- 9:50 a.m. **Refreshment Break**

## 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., F.A.C.S.*

- 11:45 a.m. **Discussion**
- 11:50 a.m. **Future Directions in Reconstructive Microsurgery**  
*Isao Koshima, M.D.*
- 12:05 p.m. **Discussion**
- 12:10 p.m. **Special Lecture: Achieving Function and Aesthetics Through Reconstructive Microsurgery**  
*Milomir Ninkovic M.D., Ph.D.*
- 12:40 p.m. **Lunch**
- 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**  
*Shelia 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**  
*Teo 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. Hubli, 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**  
9:30 p.m.

## FRIDAY, OCTOBER 21, 2016

- 7:00 a.m. **Registration**
- 6:45 – **Breakfast and Challenge the**  
7:25 a.m. **Master Session:**  
Attendees bring cases to discuss with faculty

## 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 Ahčan, 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.	<b>Discussion</b>	11:15 a.m.	<b>Reverse Lymphatic Mapping in Vascularized Lymph Node Transfer – Update on Outcomes and Technique</b> <i>Joseph H. Dayan, M.D.</i>
8:45 a.m.	<b>Fat-graft Protocol for Total Autologous Reconstruction Following Nipple-Sparing Mastectomy in Irradiated and Non-irradiated Breasts</b> <i>Fabio Santanelli di Pompeo, M.D., Ph.D.</i>	11:30 a.m.	<b>Lessons Learned from Microvascular Lymph Node Transfer</b> <i>Hans-Günther Machens, M.D.</i>
9:00 a.m.	<b>Discussion</b>	11:45 a.m.	<b>Advances and Future Direction in Lymphedema Surgery</b> <i>Isao Koshima, M.D.</i>
9:05 a.m.	<b>Management of Microsurgical Complications in the Setting of Autologous Breast Reconstruction</b> <i>Ulrich Kneser, M.D., Ph.D.</i>	12:00 p.m.	<b>Discussion</b>
9:20 a.m.	<b>Discussion</b>	12:10 p.m.	<b>Lunch</b>
9:25 a.m.	<b>Refreshment Break</b>		
	<b>SESSION VII</b> <b>Breast and Lymphatic</b> Moderators: <i>Isao Koshima, M.D.</i> <i>Jaume Masia, M.D., Ph.D.</i> <i>Uroš Ahčan, M.D., Ph.D.</i>		<b>Session VIII</b> <b>General Reconstruction</b> Moderators: <i>Geoffrey G. Hallock, M.D.</i> <i>David Chang, M.D.</i> <i>Günter Germann, M.D.</i> <i>Steven Moran, M.D.</i>
9:45 a.m.	<b>Optimizing Aesthetic Results with Two-Stage Implant Breast Reconstruction— Technical and Conceptual Considerations</b> <i>Peter G. Cordeiro, M.D., FACS</i>	1:00 p.m.	<b>Fat Grafting, Principles, Advances and Controversies</b> <i>Peter Rubin, M.D.</i>
10:00 a.m.	<b>Discussion</b>	1:15 p.m.	<b>Discussion</b>
10:05 a.m.	<b>Optimizing Aesthetic Outcomes in Autogenous Breast Reconstruction</b> <i>Phillip N. Blondeel, M.D., Ph.D.</i>	1:20 p.m.	<b>Strategies and Techniques in the Reconstruction of Complex Skull Base Defects</b> <i>Peter M. Vogt, M.D., Ph.D.</i>
10:20 a.m.	<b>Reconstruction of Partial Breast Defects</b> <i>William J. Casey, III, M.D.</i>	1:35 p.m.	<b>Discussion</b>
10:35 a.m.	<b>Discussion</b>	1:40 p.m.	<b>Vascularized Bone Grafts from The Knee: An Ideal Bone Graft for Small Recalcitrant Bony Defects</b> <i>Steve L. Moran, M.D.</i>
10:40 a.m.	<b>Breast Implant Pain</b> <i>Nho (Bill) V. Tran, M.D.</i>	1:55 p.m.	<b>The Free Omentum Flap in Reconstructive Surgery</b> <i>Lukas Prantl, M.D.</i>
10:55 a.m.	<b>Discussion</b>	2:10 p.m.	<b>Discussion</b>
11:00 a.m.	<b>Current treatment of Lymphedema</b> <i>Peter Neligan, MB, FRCS(I), FRCSC, FACS</i>	2:15 p.m.	<b>Best Paper Presentation: Soft Tissue Sarcomas of the Extremities: What Is the Best Surgical Margin?</b> <i>Marcus Lehnhardt</i>
		2:30 p.m.	<b>Discussion</b>

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** (Some sessions might merge depending on final abstract acceptances)

5:50 – 7:20 p.m. **Session IXa – Head, Neck, Craniofaical, and General**  
*Peter Neligan*  
*Geoffrey G. Hallock, M.D.*  
*Matthew Hanasono, M.D.*  
*Seng-Feng Jeng, M.D.*  
*Frank Heller, M.D., Ph.D.*  
*Eric Hubli, M.D.*  
*Richard Hopper, M.D.*

5:50 – 7:20 p.m. **Session IXb – Extremity and General Reconstruction**  
*Chih-Hung Lin, M.D.*  
*Alexandru V. Georgescu, M.D., Ph.D.*  
*Christopher Salgado, M.D.*  
*Ozlenen Ozkan, M.D.*  
*Steven L. Moran, M.D.*

5:50 – 7:20 p.m. **Session IXc – Basic Science, Transplant and General Reconstruction**  
*Yu-Ren Kuo*  
*Karen Evans*  
*Christopher J. Salgado, M.D.*  
*Paolo Sassu, M.D.*  
*Hatem Amer, M.D.*  
*Cheng-Hung Lin, M.D.*  
*Jan J. Vranckx, M.D., Ph.D.*  
*Özlenen Özkan*  
*Omer Ozkan, M.D.*

5:50 – 7:20 p.m. **Session IXd – Breast and Lymphedema**  
*Peter Rubin*  
*Jaume Masia*  
*David Chang, M.D.*  
*Nho (Bill) V. Tran, M.D.*  
*William Casey, M.D.*  
*Joseph Dayan, M.D.*  
*Eric Santamaria, M.D.*

5:50 – 7:20 p.m. **Session IXe – Craniofacial and Aesthetic**  
*Eric Hubli, M.D.*  
*Richard Hopper, M.D.*  
*Nho (Bill) V. Tran, M.D.*  
*Özlenen Özkan*  
*Jan J. Vranckx, M.D., Ph.D.*

5:50 – 7:20 p.m. **Interactive Video Session: Aesthetic**  
*Patrick L Tonnard M.D.*  
*Ömer Özkan, M.D.*  
*Wieslawa De Pawlikoski, M.D. FACS*  
*Peter M. Vogt, M.D.*

- Anatomy of the Aging Face
- Facelift: Principles
- Facelift: Lateral Smasectomy
- Facelift: The Extended Smas



- Technique in Facial Rejuvenation
- Structural Fat Grafting
- Lipoabdominoplasty

8.00 p.m. **October Fest Evening**

## **SATURDAY, OCTOBER 22, 2016**

6:45 – **Breakfast and Challenge the**  
7:25 am **Master Session**  
Attendees bring cases to discuss with faculty

### **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 Pharyngo-esophageal 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 p.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**
- 1:20 p.m. **The Lateral Femoral Condyle Flap**  
*Heinz Buerger, M.D.*
- 1:35 p.m. **Discussion**
- 1:40 p.m. **Bone Reconstruction of the Lower Leg**  
*Andrej Banic M.D., Ph.D.*
- 1:55 p.m. **Discussion**
- 2:00 p.m. **Vascularized Fibula Plus Allograft In Tibia Reconstruction After Sarcoma Resection**  
*Marco Innocenti, M.D.*
- 2:15 .m. **Diabetic Foot Reconstruction**  
*Joon Pio Hong, M.D., Ph.D.*
- 2:30 p.m. **Discussion**
- 2:35 p.m. **Function Trumps All in Lower Limb Reconstruction**  
*Christopher Attinger, M.D.*
- 2:55 p.m. **Discussion**
- 3:00 p.m. **Refreshment Break**

**SESSION XIII**  
**Plexus Brachialis and Peripheral Nerve Surgery**

- Moderators:  
*David CC Chuang, M.D.*  
*Ivica Ducic, M.D., Ph.D.*  
*Wieslawa De Pawlikoski, M.D.*
- 3:20 p.m. **Late Nerve Transfers in Obstetrical Brachial Plexus Palsy**  
*Wieslawa De Pawlikoski, M.D., FACS*
- 3:35 p.m. **Discussion**
- 3:40 p.m. **Critical Variables Affecting Nerve Regeneration: Evidence-Based Data**  
*Ivica Ducic, M.D., Ph.D.*
- 3:55 p.m. **Discussion**
- 4:00 p.m. **Changes of Paradigms: From Anatomic Reconstruction to Nerve Transposition in Upper Extremity Peripheral Nerve Lesions**  
*Riccardo Giunta, M.D., Ph.D.*
- 4:15 p.m. **Discussion**

- SESSION XIV**  
**General Reconstruction, Supermicrosurgery**  
Moderators:  
*Peter Rubin, M.D.*  
*Seng-Feng Jeng, M.D.*  
*Joseph H. Dayan, M.D.*

- 4:20 p.m. **Transgender Surgery, Principles, Techniques and Controversies**  
*Christopher J. Salgado*
- 4:35 p.m. **Discussion**
- 4:40 p.m. **Scapular and Parascapular Flaps**  
*Salvatore C. Lettieri, M.D.*
- 4:55 p.m. **Perforator Flaps with a Short Pedicle**  
*Özlenen Özkan, M.D.*
- 5:10 p.m. **Pre-expanded Flaps in Reconstructive Microsurgery**  
*Niclas Broer M.D., Ph.D.*
- 5:25 p.m. **Discussion**
- 5:30 p.m. **Refreshment Break**

**SESSION XV**  
**Aesthetic Surgery**

- Moderators:  
*Milomir Ninkovic, M.D., Ph.D.*  
*Fabio Santanelli di Pompeo, M.D., Ph.D.*
- 5:45 p.m. **Microfat, SNIF and Nanofat from Filling to Cell Therapy**  
*Patrick L. Tonnard, M.D.*
- 6:05 p.m. **Discussion**
- 6:10 p.m. **Functional and Aesthetic Genital Surgery in Males and Females**  
*Christopher J. Salgado, M.D.*
- 6:25 p.m. **Discussion**
- 6:30 p.m. **Breast Augmentation: State-of-the-Art**  
*Fabio Santanelli di Pompeo, M.D., Ph.D.*
- 6:50 p.m. **Craniofacial Rejuvenation: A New Paradigm in the Reconstruction of Youth**  
*Patrick L Tonnard, M.D.*
- 7:10 p.m. **Discussion**
- 7:15 p.m. **Closing Remarks**  
*Milomir Ninkovic, M.D., Ph.D.*  
*Samir Mardini, M.D.*  
*Fu-Chan Wei, M.D.*

## PLATINUM SPONSOR



---

## GOLD SPONSORS



---

## BRONZE SPONSORS



---

## EXHIBITORS

Aesculap AG  
Arthrex GmbH  
Avita Medical Europe Ltd  
Brumaba GmbH & Co. KG  
Cook Deutschland GmbH  
DCi GmbH  
Diagnostic Green GmbH  
Healthcare 21  
human med AG  
LEA Medizintechnik GmbH  
Lipoelastic GmbH

MediWound Germany GmbH  
Minerva KG  
Orbix Medical Ltd.  
PonsaMed GmbH  
Reichert GmbH Buchhandlung  
für Medizin  
S + T AG  
Sebbin (mündlich zugesagt)  
Umfang steht noch nicht fest  
Transonic Europe BV

---

## SPECIAL THANK YOU TO

Erbe Elektromedizin GmbH - *Power point Presentation during the breaks*  
PolyMedics Innovations GmbH - *Advertisement*

**MAYO CLINIC**  
200 First Street SW  
Rochester, MN 55905

# MAYO CLINIC & CHANG GUNG RECONSTRUCTIVE SURGERY SYMPOSIUM

## COURSE DIRECTORS:

Milomir Ninkovic, MD, Ph.D.  
Samir Marclini, MD  
Fu-Chan Wei, MD

## HONORARY CHAIRPERSONS:

Chih-Hung Lin, MD  
Steven Moran, MD  
David CC Chuang, MD



In collaboration with  
Academic Hospital Munich  
Bogenhausen, Technical  
University Munich



NON-PROFIT ORG.  
U.S. POSTAGE  
**PAID**  
MAYO CLINIC