Mayo Clinic/Chang Gung University Medical College

SYMPOSIUM IN

RECONSTRUCTIVE SURGERY

PROGRAM

Thursday June 24, 2010

PRE-CONFERENCE WORKSHOP - CADAVER DISSECTION

7:00 - 8:00 a.m.  Registration & Breakfast

8:00 - 8:15 a.m.  Welcome and Introductory Remarks
Stabile Building
Procedural Skills Laboratory, 9th Floor
Samir Mardini, M.D.
Steven L. Moran, M.D.
Fu-Chan Wei, M.D.

8:15 a.m. - 12:00 p.m.  Flap Dissection

12:00 – 1:00pm  Lunch
Rochester Marriott Hotel
Ballroom, 2nd Floor

1:00 - 5:00pm  Flap Dissection

INTERACTIVE SURGICAL PROCEDURE DEMONSTRATIONS

5:30 – 6:30 p.m.

• Anterolateral Thigh Perforator Flap for Hypopharyngeal and Cervical Esophagus Reconstruction

• Jejunum Flap for Esophageal Reconstruction

• Ileocolon Flap for Reconstruction of Esophagus and Voice

• Deep Inferior Epigastric Artery Perforator (DIEP) Flap for Breast Reconstruction
• Inferior Gluteal Artery Perforator (IGAP) Flap for Breast Reconstruction

• Superficial Inferior Epigastric Artery (SIEA) Flap for Breast Reconstruction

• Anterolateral Thigh Perforator Flap, Suprafascial Dissection

• Vastus Lateralis Myocutaneous Flap Dissection

• Anterolateral Thigh Flap for Wound Coverage and Flow Through Reconstruction of the Radial Artery

• Reverse Pedicled Anterolateral Thigh Perforator Flap with Venous Supercharge for Popliteal Defect Reconstruction

• Radial Forearm Flap, Suprafascial Dissection

• Fibula modeling (Giorgio De Santis, M.D.)

Friday, June 25, 2010

GENERAL SESSIONS

6:30 - 7:30 a.m.  Registration
Siebents Medical Education Building
Leighton Auditorium, 2nd Floor

Breakfast - Challenge the Masters

7:30 to 7:35 a.m.  Welcome and Introductory Remarks
Samir Mardini, M.D.
Steven L. Moran, M.D.
Fu-Chan Wei, M.D.

SESSION I  Reconstructive Surgery: Principles, Advances & Controversies
Moderators:  Fu-Chan Wei, M.D.
Seng-Feng Jeng, M.D.
Peter C. Neligan, M.B., B. Ch

7:35 to 7:45 a.m.  Reconstructive Surgery: The Present and Future
Nicholas B. Vedder, M.D.
7:45 to 7:55 a.m.  **Reconstructive Ladders**  
*Nicholas B. Vedder, M.D.*

7:55 to 8:10 a.m.  **Workhorse Flaps in Reconstructive Surgery**  
*Fu-Chan Wei, M.D.*

8:10 to 8:25 a.m.  **Orthoplastic Surgery—the Evolution of Fix and Flap**  
*L. Scott Levin, M.D.*

8:25 to 8:40 a.m.  **Program Development in Oncologic Reconstructive Surgery**  
*Michael Miller, M.D.*

8:40 – 8:55 a.m.  **Flap Prefabrication in Reconstructive Surgery**  
*Michael W. Neumeister, M.D.*

8:55 to 9:05 a.m.  **Achieving Optimal Results in Reconstructive Surgery Using Techniques of Prefabrication and Prelamination**  
*Eric Santamaria, M.D.*

9:05 – 9:20 a.m.  **Maximizing Aesthetic Outcomes at the Donor Site of Flaps**  
*Seng-Feng Jeng, M.D.*

9:20 – 9:45 a.m.  **Special Lecture**  
*Craniomaxillofacial Surgery at Chang Gung Memorial Hospital: 30 Year Experience*  
*Yu-Ray Chen, M.D.*

9:45 – 10:00 a.m.  **Refreshment Break**

**SESSION II: Reconstructive Surgery: Principles, Advances & Controversies**

**Moderators:**  
*Nicholas B. Vedder, M.D.*  
*Aldona J. Spiegel, M.D.*  
*Michael Miller, M.D.*

10:00 – 10:10 a.m.  **Reconstruction for Neurofibromatosis**  
*Laurent Lantieri, M.D.*

10:10 – 10:25 a.m.  **Recipient Vessels in Difficult Cases: How to Choose, What to Avoid and Tips to Prevent Complications**  
*Peter C. Neligan, M.B., B.Ch.*

10:25 – 10:40 a.m.  **Salvage Reconstruction Following Flap Failure**  
*Michael Miller, M.D.*
10:40 – 10:50 a.m.  Postoperative Management and Monitoring of the Reconstruction Patient  
Brian T. Carlsen, M.D.

10:50 – 11:00 a.m.  The Role for Hyperbaric Medicine in the Surgical Patient  
Paul L. Claus, M.D.

11:00 – 11:10 a.m.  Flap Re-Exploration  
Nho V. Tran, M.D.

11:10 – 11:20 a.m.  Development of Reconstructive Microsurgery in Armenia  
Artavazd B. Sahakyan, M.D.

11:20 – 11:35 a.m.  Free Style Flaps  
Seng-Feng Jeng, M.D.

11:35 – 11:55 a.m.  Case Presentations – Challenge the Faculty  
Eric Hubli, M.D.  
Karen F. Kim Evans, M.D.  
Eric Santamaria, M.D.  
Sanir Mardini, M.D.

11:55– 12:15 p.m.  Special Lecture:  
Integrity - Compromise and Confession  
John E. Woods, M.D.

12:15 to 1:00 p.m.  Lunch

1:00 – 1:30  Special Lecture:

Composite Tissue Allo Transplantation: Looking into the Past and Facing the Future  
Laurent Lantieri, M.D.

SESSION III  Transplantation  
Ronald M. Zuker, M.D., FRCSC, FACS, FRCS  
Laurent Lantieri, M.D.  
Fu-Chan Wei, M.D.

1:30 – 1:45 p.m.  Composite Tissue Allo-Transplantation  
L. Scott Levin, M.D.

1:45 – 2:00 p.m.  Technical Aspects in Face Transplant Surgery  
Laurent Lantieri, M.D.
2:00 – 2:10 p.m.  Organ Preservation Surgery for Advanced Unilateral Glottic Cancer: Reconstruction of Hemilaryngeal Defects with a Prefabricated Tracheal Framework  
Jan J. Vranckx, M.D., Ph.D.

2:10 – 2:20 p.m.  Trachea Allotransplantation After Withdrawal of Immunosuppression  
Jan J. Vranckx, M.D., Ph.D

2:20 – 2:35 p.m.  The Role of the Microsurgeon in Living Related Liver Transplantation in Children  
Ronald M. Zuker, M.D., FRCSC, FACS, FRCS

BREAKOUT SESSIONS I

2:35 - 3:20 p.m.  Breakout Sessions (Choose One)

Flaps for Hand and Wrist
Nicholas B. Vedder, M.D.  
Michael W. Neumeister, M.D.  
Brian Carlsen, M.D.  
S. Raja Sabapathy, MS, M.Ch

Refinements in Breast Reconstruction  
Michael Miller, M.D.  
Aldona J. Spiegel, M.D.  
Steven R. Jacobson, M.D.

Toe Transplantation and Finger Replantation  
Fu-Chan Wei, M.D.  
Scott L. Levin, M.D.

Venous Flaps  
Hung-Chi Chen, M.D.  
Chih-Hung Lin, M.D.

Functional Muscle Transfers for Various Purposes  
Milomir Ninkovic, M.D., Ph.D.  
Allen T. Bishop, M.D.  
Alexander Y. Shin, M.D.

Genital Reconstruction  
Christopher J. Salgado, M.D.  
Richard J. Redett, M.D.  
Omer Ozkan, M.D.
Salvaging the Failing Flap
  M. H. Cheng, M.D.
  Seng-Feng Jeng, M.D.
  William Casey, M.D.
  Karen Kim Evans, M.D.

SESSION IV  Chest Wall, Genitourinary

Moderators: Phillip G. Arnold, M.D.
            Hung-Chi Chen, M.D.
            Christopher J. Salgado, M.D.

3:20 – 3:35 p.m.  Intra and Extrathoracic Reconstruction with Muscle and
Musculocutaneous Flaps
                 Phillip G. Arnold, M.D.

3:35 – 3:45 p.m.  Chest and Trunk Reconstruction using Microsurgical Methods
                 William J. Casey, III, M.D.

3:45 – 3:55 p.m.  Penile Reconstruction with Osseous flaps
                 Christopher J. Salgado, M.D.

3:55 – 4:05 p.m.  Penile Reconstruction with Cutaneous Flaps
                 Richard J. Redett, M.D.

4:05 – 4:15 p.m.  Etiology and Management of Vulvo-Vaginal Defects
                 Christopher J. Salgado, M.D.

4:15 – 4:25 p.m.  Vaginal Reconstruction Using Intestinal Flaps
                 Omer Ozkan, M.D.

4:25 – 4:35 p.m.  Penile Revascularization for Pudendal Vessel Injury
                 Lawrence B. Colen, M.D.,

4:35 – 4:50 p.m.  Reconstruction of Bladder Function Using Functional Muscle
Transfers
                 Milomir Ninkovic, M.D., Ph.D.

4:50 – 5:05 p.m.  Component Separation for Abdominal Wall Reconstruction:
Anatomy and Technique
                 Karen F. Kim Evans, M.D.

5:05 – 5:20 p.m.  Craniofacial Fibrous Dysplasia
                 Yu-Ray Chen, M.D.

5:20 – 5:35 p.m.  Refreshment Break
SESSION V  Upper Extremity Reconstruction and Replantation

Moderators:
  L. Scott Levin, M.D.
  S. Raja Sabapathy, MS, M.Ch
  Steven L. Moran, M.D.

5:35 – 5:45 p.m.  Major Limb Replantation: Avoiding Disaster
  Allen Bishop, M.D.

5:45 – 5:55 p.m.  Free Flap Reconstruction of the Hand: Concepts and Refinements
  James P. Higgins, M.D.

5:55 – 6:05 p.m.  Timing of Free Flap Coverage in the Upper Extremity
  Milomir Ninkovic, M.D., Ph.D.

6:05 – 6:15 p.m.  Microsurgical Thumb Reconstruction
  Chih-Hung Lin, M.D.

6:15 – 6:30 p.m.  Microsurgical Finger Reconstruction, (not including the Thumb)
  Fu-Chan Wei, M.D.

6:30 – 6:40 p.m.  Vascularized Bone and Periosteal Flaps for Complex Carpal Bone Problems
  Alexander Y. Shin, M.D.

6:40 – 6:50 p.m.  The Use of Spare Parts in Reconstruction
  Michael W. Neumeister, M.D.

6:50 – 7:00 p.m.  Pedicled Lower Abdominal Flaps (groin, SIEA etc ) for Upper Limb Defects
  S. Raja Sabapathy, MS, M.Ch, DNB, FRCS(Ed), MAMS

Saturday, June 26, 2010

GENERAL SESSIONS

6:30 - 7:20 a.m.  Breakfast - Challenge the Masters

7:25-7:30am  Welcome remarks
  Claude Deschamps, M.D.
  Professor and Chairman
  Department of Surgery
  Mayo Clinic
SESSION VI  Breast

Moderators: Scott L. Spear, M.D.
Ming-Huei Cheng, M.D.
Michael Miller, M.D., FACS

7:30 – 7:40 a.m. Preoperative Planning for Breast Reconstruction
Eric Santamaria, M.D.

7:40 – 7:55 a.m. Optimizing Aesthetic Outcomes in Breast Reconstruction
Michael Miller, M.D.

7:55 – 8:10 a.m. Nipple-Sparing Mastectomy: Indications and Outcomes
Scott L. Spear, M.D.

8:10 – 8:25 a.m. Superficial Inferior Epigastric Artery Flap for Breast Reconstruction
Aldona J. Spiegel, M.D.

8:25 – 8:40 a.m. Microsurgical Breast Reconstruction Using the DIEP Flap
Ming-Huei Cheng, M.D.

8:40 – 8:50 a.m. Neurotization of the SIEA and DIEP Flaps
Aldona J. Spiegel, M.D.

8:50 – 9:05 a.m. One Stage Implant Based Breast Reconstruction
Steven R. Jacobson, M.D.

9:05 – 9:20 a.m. Update on Radiation and Implant-Based Breast Reconstruction.
Scott L. Spear, M.D.

9:20 – 9:35 a.m. Breast Reconstruction Following Previous Failures
Michael Zenn, M.D.

9:35– 9:50 a.m. Refreshment Break

9:50 – 10:00 Solutions for Inadequate Venous Outflow in Free Flap Breast Reconstruction
Ming-Huei Cheng, M.D.

10:00 – 10:15a.m. Reconstructing Partial Defects of the Breast
William J. Casey, III, M.D.

10:15 – 10:25 a.m. Aesthetic Refinements in Microsurgical Breast Reconstruction
Aldona J. Spiegel, M.D.
10:25 – 10:35 a.m. Management of Post-Mastectomy Upper Extremity Lymphedema
Ming-Huei Cheng, M.D.

SESSION VII Lower Extremity
Moderators: Lawrence B. Colen, M.D.
Chih-Hung Lin, M.D.
Steven L. Moran, M.D.

10:35 - 10:45 a.m. Preoperative Planning in Lower Extremity Reconstruction
Steven L. Moran, M.D.

10:45 – 11:00 a.m. Soft tissue Coverage for Zones of the Lower Extremity
Geoffrey G. Hallock, M.D.

11:00 – 11:15 a.m. Management of Large Segment Combined Loss of Bone and Soft Tissue in the Leg
S. Raja Sabapathy, MS, M.Ch.

11:15 – 11:30 a.m. Outcomes in Extremity Reconstruction Following Multimodality Sarcoma Treatment
Stefan O.P. Hofer, M.D., Ph.D.

11:30 – 11:40 a.m. Vascularized Bone for Segmental Bone Defects and Non-Union
Alexander Y. Shin, M.D.

11:40 – 11:55 a.m. Coverage Reconstruction in the Lower Extremity with Non-Microsurgical Options
Seng-Feng Jeng, M.D.

11:55 – 12:05 a.m. Short Pedicled Peroneal Artery Perforator Flap
Omer Ozkan, M.D.

12:05 – 12:15 p.m. Reconstruction of the Weight-Bearing Heel using non-free flap options
Lawrence B. Colen, M.D., FACS

12:15 – 12:25 p.m. Reconstruction of the Weight-Bearing Heel using Free Flaps
Chi-Hung Lin, M.D.

12:25 – 12:35 a.m. Chain Link Flaps for Lower Extremity Salvage Reconstruction
Omer Ozkan, M.D.

12:35 – 1:30 a.m. Lunch
SESSION VIII  Innervation, Animation and General Reconstruction

Moderators: Ronald M. Zuker, M.D.
Richard J. Redett, M.D
Eric Santamaria, M.D.

1:30 – 1:40 p.m. Facial Nerve Anatomy and Function
Richard J. Redett, M.D

1:40– 1:55 p.m. Nerve Coaptation: Tubes, Autograft, Allograft
Steven Moran, M.D.

1:55 – 2:10 p.m. Facial Reanimation using the Gracilis Muscle
Michael Zenn, M.D.

2:10 – 2:25 p.m. Keys to Success in Muscle Transplantation for Facial Reanimation
Ronald M. Zuker, M.D.

2:25 – 2:35 p.m. Facial Reanimation with Nerves other than the Contralateral Facial Nerve
Eric Santamaria, M.D.

2:35 – 2:45 p.m. Non-surgical Rehabilitation of patients with facial palsy and paralysis
Sherilyn W. Driscoll, M.D.

2:45 – 3:00 p.m. Muscle Transplantation for Facial Reanimation in Bilateral Facial Paralysis
Ronald M. Zuker, M.D.

3:00 – 3:15 p.m. Functioning Muscle Transfers for Multiple Purposes: Foot Drop, Lower Lip, Abdominal Wall, and Urinary Bladder
Milomir Ninkovic, M.D., Ph.D.

3:15 – 3:30 p.m. New Frontiers in Pediatric Reconstruction
Eric Santamaria, M.D.

BREAKOUT SESSIONS II

3:30 – 4:15 p.m. Breakout Sessions (Choose One)

Facial Reanimation
Ronald M. Zuker, M.D.
Michael Zenn, M.D.
Richard J. Redett, M.D.

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Prefabication and Prelamination of Flaps and Tissue Expansion
Eric Santamaria, M.D.
Michael W. Neumeister, M.D
Jan J. Vranckx, M.D., Ph.D.

Reconstruction of the Weight Bearing Heel
Lawrence B. Colen, M.D.
Chih-Hung Lin, M.D
Brian Carlsen, M.D.
S. Raja Sabapathy, MS, M.Ch

New Frontiers in Pediatric Reconstruction
Steven L. Moran, M.D.
Normy Wieslawa, M.D.
Eric Santamaria, M.D.

Severe Injuries of the Face and Facial Skeleton: An Algorithm for Reconstruction
Salvatore C. Lettieri, M.D.
Eduardo Rodriguez, M.D., D.D.S.

Basic Microsurgery 101. How to Keep Things Simple and Achieve Reproducible Results
Stefan O.P. Hofer, M.D., Ph.D.
Hung-Chi Chen, M.D.
Omer Ozkan, M.D.
Samir Mardini, M.D.

Breast Reconstruction using Autologous Tissue: Microsurgical and Non-Microsurgical
William Casey, M.D.
Aldona J. Spiegel, M.D.
Ming-Huei Cheng, M.D.
Peter C. Neligan, M.D.

SESSION IX Head & Neck
Moderators: Peter C. Neligan, M.D.
Hung-Chi Chen, M.D.
Fu-Chan Wei, M.D.

4:15 – 4:30 p.m. Flaps in Head and Neck Reconstruction
Fu-Chan Wei, M.D.
4:30 – 4:40 p.m.  Microsurgical Scalp Reconstruction. An Algorithm of Treatment  
Stefan O.P. Hofer, M.D., Ph.D.

4:40 – 4:55 p.m.  Frontal bone and Forehead Reconstruction  
Eduardo Rodriguez, M.D., D.D.S.

4:55 – 5:05 p.m.  Cranial Base Reconstruction  
Salvatore C. Lettieri, M.D.

5:05 – 5:15 p.m.  Periorbital Reconstruction  
Eduardo Rodriguez, M.D., D.D.S.

5:15 – 5:25 p.m.  Principles of Nasal Reconstruction with the 3-Stage Paramedian Forehead Flap. Lining, Structural Support and Cover  
Stefan O.P. Hofer, M.D., Ph.D.

5:25 – 5:35 p.m.  Computer Assisted Design in Planning Midface Reconstruction  
Michael Miller, M.D.

5:35 – 5:45 p.m.  Bone Fixation in the Head and Neck  
Salvatore C. Lettieri, M.D.

5:45 – 5:55 p.m.  Reconstruction of Complex Lip and Cheek Composite Tissue Defect  
Yur-Ren Kuo, M.D., Ph.D.

5:55 – 6:05 p.m.  Complex Reconstructions in the Head and Neck Requiring More Than One Flap  
Chih-Hung Lin, M.D.

INTERACTIVE SURGICAL PROCEDURE DEMONSTRATIONS  
6:00 – 6:45 p.m.

- Fibula Osteoseptocutaneous Flap with Primary Osteointegrated Implants for Mandible Reconstruction
- Fibula Flap for Obliteration and Osseous Reconstruction of a Persistent Frontal Basilar Fracture Infection Associated with Nasofrontal Outflow Tract Obstruction
- Trimmed Great Toe Flap
- Endoscopic Harvest of Gracilis Muscle
- Facial Reanimation (second stage) Reconstruction with Gracilis Functioning Muscle Transfer. Gracilis Muscle
• Finger Flexion Reconstruction with Gracilis Functioning Muscle Transfer

• Reconstruction of Foot Dorsiflexion with Rectus Femoris Functioning Muscle Transfer

• Shoulder Abduction Reconstruction: Transfer of Latissimus, Teres Major and Clavicular Portion of Pectoralis Major

• Temporoparietal Fascia Flap

• Thinned Latissimus Dorsi Perforator Flap, Thoracodorsal Perforator Flap and Lateral Thoracic Perforator Flap

• Lateral Arm Flap for Webspace Contracture Release

• Pedicled Peroneal Artery Perforator Flap for Reconstruction of Soft Tissue Defect over Tibia

**Sunday, June 27, 2010**

**GENERAL SESSIONS**

6:30 - 7:30 a.m.  
**Breakfast - Challenge the Masters**

**SESSION X  **  
**Head and Neck**

*Moderators: Peter C. Neligan, M.D.*  
*Stefan O.P. Hofer, M.D., Ph.D.*  
*Fu-Chan Wei, M.D.*

7:30–7:45 a.m.  
**Aesthetic, Functional and Technical Evolution in Mandible and Maxilla Reconstruction after 20 Years of Experience with the Fibula Flap**  
*Giorgio De Santis, M.D.*

7:45 – 8:00 a.m.  
**Mandible Reconstruction with Vascularized Bone Flaps**  
*Peter C. Neligan, M.B.B.S.*

8:00 – 8:15 a.m.  
**Maxilla and Mandible Reconstruction with Non-Vascularized Bone Grafts with or without Osteointegrated Implants**  
*Kevin L. Rieck, D.D.S., M.D.*

8:15–8:30 a.m.  
**Dental Rehabilitation and Evaluation of Implantology Stability in Free Bone Flaps**  
*Giorgio De Santis, M.D.*
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:30– 8:40 a.m.</td>
<td>Tongue Reconstruction and Rehabilitation</td>
<td>Eric J. Moore, M.D.</td>
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<td>8:40– 8:50 a.m.</td>
<td>Immediate Reconstruction of Parotidectomy Defects</td>
<td>Jan L. Kasperbauer, M.D.</td>
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<td>8:50 – 9:05 a.m.</td>
<td>Reconstruction of the Head and Neck after War Injuries</td>
<td>Artavazd B. Sahakyan, M.D.</td>
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<td>9:05 – 9:15 a.m.</td>
<td>The Microvascular Femur Flap in Reconstructive Surgery of the Face</td>
<td>Alexander J. Gaggl M.D. D.D.S Ph.D. and Heinz Bürger, M.D.</td>
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<td>9:15 – 9:30 a.m.</td>
<td>Refreshment Break</td>
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<td>9:30 – 9:40 a.m.</td>
<td>Pharyngoesophageal Reconstruction</td>
<td>Samir Mardini, M.D.</td>
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<td>9:40 – 9:55 a.m.</td>
<td>Intestine Flaps vs. Skin Flaps for Esophageal Reconstruction</td>
<td>Peter C. Neligan, M.B., B.Ch.</td>
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<td>9:55 – 10:10 a.m.</td>
<td>Total Esophageal Reconstruction with Supercharged Pedicled Jejunal Flaps</td>
<td>Michael Miller, M.D.</td>
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<td>10:10 – 10:25 a.m.</td>
<td>Voice Reconstruction Using Intestinal Flaps</td>
<td>Hung-Chi Chen, M.D.</td>
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<td>10:25 – 10:35 a.m.</td>
<td>Bone Grafts in the Head and Neck</td>
<td>Eric H. Hubli, M.D.</td>
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<td>10:35 – 10:45 a.m.</td>
<td>One Flap Does Many Things in Head and Neck Reconstruction</td>
<td>Ming-Huei Cheng, M.D.</td>
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<td>10:45 – 11:00 a.m.</td>
<td>Prosthetic Rehabilitation of the Head and Neck Reconstruction Patient</td>
<td>Thomas J. Salinas, D.D.S.</td>
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<td><strong>SESSION XI</strong></td>
<td>Innervation and Animation</td>
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<td><strong>Moderators:</strong></td>
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<td>Milomir Ninkovic, M.D., Ph.D.</td>
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<td>Allen T. Bishop, M.D.</td>
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<td>Chih-Hung Lin, M.D.</td>
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<td>11:00 – 11:10 a.m.</td>
<td>Local Muscle Transfers and Static Reconstruction in Patients with Facial Nerve Palsy and Paralysis</td>
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11:10 – 11:25 a.m. **Advances in Brachial Plexus Reconstruction**
   
   **Robert J. Spinner, M.D.**

11:25 – 11:35 a.m. **Pedicled Functioning Muscle Transfers for Brachial Plexus Reconstruction**
   
   **Bassem Elhassan, M.D. and Samir Mardini, M.D.**

11:35 – 11:45 a.m. **Free Functioning Muscle Transfers for Brachial Plexus Reconstruction**
   
   **Allen T. Bishop, M.D.**

11:45 – 11:55 a.m. **Functioning Muscle Transfers for Traumatic Loss of Muscles**
   
   **James P. Higgins, M.D.**

11:55 – 12:10 p.m. **Brachial Plexus Neurotization in Children**
   
   **Wiesława De Pawlikowski, M.D.**

12:10 – 12:25 p.m. **Flap Classification and Flap Selection in Reconstructive Surgery: Controversies and Principles**
   
   **Geoffrey G. Hallock, M.D.**

12:25 – 12:40 p.m. **The Peroforasome Theory and Design of Perforator Flaps**
   
   **Geoffrey G. Hallock, M.D.**

12:40 – 1:20 p.m. **Lunch**

**Session XII**  **General Reconstruction**

**Moderators:**
- **Eduardo Rodriguez, M.D., D.D.S.**
- **Nho V. Tran, M.D.**
- **Geoffrey G. Hallock, M.D.**

1:20 – 1:30 p.m. **The Chimeric Flap: Origin, Terminology, and Current Role**
   
   **Geoffrey G. Hallock, M.D.**

1:30 – 1:40 p.m. **Coverage of Defects Around the Knee and Elbow**
   
   **S. Raja Sabapathy, MS, M.Ch**

1:40 – 1:50 p.m. **Versatility of Anterolateral Thigh Flap with Vascularized Fascia Lata for Large Complex Soft Tissue Defect Reconstruction**
   
   **Yur-Ren Kuo, M.D., Ph.D.**

1:50 – 2:00 p.m. **The Medical Femoral Condyle Flap in Trauma Surgery**
   
   **Heinz Bürger, M.D., and Alexander J. Gaggl M.D. D.D.S Ph.D**
2:00 – 2:10 p.m.  Pelvic and Spinal Coverage Reconstruction  
Nho V. Tran, M.D.

2:10 – 2:20 p.m.  Vascular Reconstruction of Chronic Vaso-Occlusive Disease  
James P. Higgins, M.D.

2:20– 2:30 p.m.  Thin Flaps in Upper Extremity Reconstruction  
Hung-Chi Chen, M.D.

2:30 – 2:45 p.m.  Awards Presentation  
Upon completion of the course, awards will be given to those who have presented cases to professors during interactive breakfast sessions and at the end of the panels in the following categories:

☐ Best Case Head and Neck
☐ Best Case Chest and General
☐ Best Case Innervation and Animation
☐ Best Case Upper Extremity and Replantation
☐ Best Case Lower Extremity
☐ Best Case Breast Reconstruction

Participants are asked to bring cases in PowerPoint format to be reviewed by faculty at the professor breakfasts and to be screened and presented to the panelists at the end of some of the panels. The winners will receive prizes at the end of the symposium.

3: 45 pm  Adjourn