



WSRM 2007  
ATHENS, GREECE  
JUNE 24-26

SUNDAY, JUNE 24, 2007

Sunday, June 24, 2007

	ROOM A	ROOM B	ROOM C
07.30 – 08.30	<b>INSTRUCTIONAL COURSE</b> <b>Choices of Free Flaps</b> <i>Moderator: Robert C. Russell</i>	<b>INSTRUCTIONAL COURSE</b> <b>Pediatric Microsurgery</b> <i>Moderator: Simo K. Vilkki</i>	<b>INSTRUCTIONAL COURSE</b> <b>Foot Reconstruction</b> <i>Moderator: Lawrence Colen</i>
08.30 – 08.45	<b>Welcoming Remarks</b>		
08.45 – 09.45	<b>FREE PAPERS</b> <b>Facial Paralysis</b> <i>Moderators:</i> <i>Crazia Salimbeni</i> <i>Efstathios Lykoudis</i>	<b>FREE PAPERS</b> <b>Vascularized Bone Flaps</b> <i>Moderators:</i> <i>A. Korompilias</i> <i>Guo Xian Pie</i>	<b>FREE PAPERS</b> <b>Experimental Nerve Grafts</b> <i>Moderators:</i> <i>A. Lee Dellon</i> <i>Anna Stamatoukou</i>
09.45 – 10.00	<b>COFFEE BREAK</b>		
10.00 – 11.30	<b>PANEL DISCUSSION</b> <b>Facial Paralysis</b> <i>Moderators:</i> <i>Julia K. Terzis</i> <i>Catherine Vlastou</i>	<b>PANEL DISCUSSION</b> <b>Vascularized Bone in Orthopaedics</b> <i>Moderators:</i> <i>Panayotis N. Soucacos</i> <i>Andreas Eisenschenk</i>	<b>PANEL DISCUSSION</b> <b>Alternatives to Nerve Grafts</b> <i>Moderators:</i> <i>Berish Strauch</i> <i>David T.W. Chiu</i>
11.30 – 13.00	<b>PRESIDENTIAL SYMPOSIA</b> <i>Moderators:</i> <i>Panayotis N. Soucacos</i> <i>Domna Kalomiri</i>		
13.00 – 14.00	<b>LUNCH BREAK</b>		
14.00 – 15.30	<b>FREE PAPERS</b> <b>Facial Paralysis/Replantation</b> <i>Moderators:</i> <i>Manfred Frey</i> <i>Panayiotis Giannakopoulos</i>	<b>FREE PAPERS</b> <b>Head and Neck Reconstruction</b> <i>Moderators:</i> <i>Peter G. Cordeiro</i> <i>George Kokkalis</i>	<b>FREE PAPERS</b> <b>Experimental Microsurgery</b> <i>Moderators:</i> <i>Mihai Ionac</i> <i>Socrates Varytimidis</i>
15.30 – 17.00	<b>PANEL DISCUSSION</b> <b>Replantation</b> <i>Moderators:</i> <i>Edgar Biemer</i> <i>Viktor E. Meyer</i>	<b>PANEL DISCUSSION</b> <b>Functional Head and Neck Reconstruction</b> <i>Moderators:</i> <i>Fu-Chan Wei</i> <i>Giorgio De Santis</i>	<b>PANEL DISCUSSION</b> <b>Experimental Microsurgery</b> <i>Moderators:</i> <i>Hari B. Kapila</i> <i>Michael W. Neumeister</i>
20.00	<b>OPENING CEREMONY AND WELCOME RECEPTION</b>		



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ROOM A

**07.30 – 08.30 INSTRUCTIONAL COURSE: Choices of Free Flaps**

Moderator: **Robert C. Russell** (USA)

Choices of Free Flaps for Head and Neck Reconstruction

**Andrej Banic** (Switzerland)

Choices of Free Flaps for Upper and Lower Extremity Reconstruction

**Brian J. Boyd** (USA)

Coverage of the Mutilated Hand

**Robert C. Russell** (USA)

ROOM B

**07.30 – 08.30 INSTRUCTIONAL COURSE: Pediatric Microsurgery**

Moderator: **Simo K. Viikki** (Finland)

Hand Microsurgery in Children

**Neil Jones** (USA)

Epiphyseal Transfer in Children

**Marco Innocenti** (Italy)

Microsurgical Reconstruction of Extremities in Children

**Simo K. Viikki** (Finland)

ROOM C

**07.30 – 08.30 INSTRUCTIONAL COURSE: Foot Reconstruction**

Moderator: **Lawrence Colen** (USA)

Reconstruction of the Sole of the Foot

**Hannu Kuokkanen** (Finland)

Foot Reconstruction with Fasciocutaneous Flaps

**Achilleas Kepenekidis** (Greece)

The Diabetic Foot

**Lawrence Colen** (USA)

ROOM A

**08.30 – 08.45 Welcoming Remarks**



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## ROOM A

### 08.45 – 09.45 FREE PAPERS: Facial Paralysis

Moderators: **Grazia Salimbeni** (Italy), **Efstathios Lykoudis** (Greece)

- 08.45 – 08.49 Correlation of Quantitative Morphometry of Cross-facial Nerve Graft Biopsies with Functional and Aesthetic Outcomes: A Histological, Electrophysiological and Behavioral Study 001  
**Julia K. Terzis, Wei Wang** (USA)
- 08.49 – 08.53 Correlation of Microanatomy of the Facial Nerve with Intraoperative Microstimulation Studies During Cross Facial Nerve Grafting Procedures 002  
**Julia K. Terzis, K. Tzafetta** (USA)
- 08.53 – 08.57 Neural Signal Augmentation / Neural Supercharge Concept in Surgical Rehabilitation of Reversible Facial Palsy 003  
**Yuhei Yamamoto, Mitsuru Sekido, Hiroshi Furukawa** (Japan)
- 08.57 – 09.03 Discussion
- 09.03 – 09.07 Experience and Outcomes with the Baby Sitter Procedure 004  
**Julia K. Terzis, K. Tzafetta** (USA)
- 09.07 – 09.11 Long-Term Subjective and Objective Outcome after Primary Repair of Traumatic Facial Nerve Injuries 005  
**M.A.M. Mureau, E. Frijters, S.O.P. Hofer** (The Netherlands)
- 09.11 – 09.15 Outcomes of Reanimation in 153 Cases of Pediatric Facial Palsy 006  
**Julia K. Terzis, M. Makrodimou** (USA)
- 09.15 – 09.21 Discussion
- 09.21 – 09.25 Facial Reanimation with Sternocleidomastoid Muscle Transfer: An Anatomical and Clinical Study 007  
**Wei Wang, Chuan Yang, Wei Li, Xiaojie Hu, Xiaoxi Lin** (China)
- 09.25 – 09.29 Facial Reanimation with the Masseter-To-Facial Nerve Transfer: A Four Year Experience 008  
**Michael Klebuc** (USA)
- 09.29 – 09.33 Impact of One-stage Mini-gracilis on Patient Selection for VII Palsy 009  
**Paul J. Guelinckx** (Belgium)
- 09.33 – 09.39 Discussion

## ROOM B

### 08.45 – 09.45 FREE PAPERS: Vascularized Bone Flaps

Moderators: **A. Korompilias** (Greece), **Guo Xian Pie** (China)

- 08.45 – 08.49 Use of Vascularized Bone Grafts in Extremity; Review of 85 Cases 25 Years Experience 010  
**Ashok Gupta** (India)
- 08.49 – 08.53 Osteonecrosis of the Femoral Head, a Study of 128 Hips Treated with Vascularized Fibular Grafting 011  
**G. Mataliotakis, M. Lykissas, A. Payatakes, A. Korompilias, M. Vekris, A. Beris** (Greece)
- 08.53 – 08.57 Congenital Pseudarthrosis: Recontrction and Long Term Results 012  
**M. Mateev, A. Imanaliev** (Kyrgyzstan)



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08.57 – 09.01	Vascularized Fibular Graft in the Management of Congenital Pseudarthrosis of the Tibia <b>A.V. Korompilias, A.E. Beris, T.A. Xenakis, M.G. Lykissas, G. Christoforou, P.N. Soucacos</b> (Greece)	013
09.01 – 09.09	Discussion	
09.09 – 09.13	Our Experience with Proximal Free Fibular Head Flap for Articular Reconstructions <b>A. Zaretski, A. Amir, D. Leshem, Y. Barnea, J. Weiss, Y. Kollender, J. Bickels, I. Meller, E. Gur</b> (Israel)	014
09.13 – 09.17	Blood Supply of the Medial Femoral Condyle and Its Implications in Free Vascularized Bone Graft Harvest <b>Alexander Y. Shin, Steven L. Moran, Allen T. Bishop, Hiroshi Yamamoto</b> (USA)	015
09.17 – 09.21	Cross-Leg Pedicled Fibular Graft: Theoretical Basis and Clinical Application <b>Marek Molski</b> (Poland)	016
09.21 – 09.27	Discussion	
09.27 – 09.31	Treatment of Scaphoid Waist Nonunion with Associated Avascular Proximal Poles and Carpal Collapse: A Comparison of Three Vascularized Bone Grafts <b>Alexander Y. Shin, David B. Jones, Heinz Bürger, Allen T. Bishop</b> (Austria)	017
09.31 – 09.35	The Use of Vascularised Bone Grafts in the Reconstruction of Scaphoid Fractures <b>C. Fessas, A. Alkiviades, D. Kountouriotis</b> (Cyprus)	018
09.35 – 09.39	Discussion	

#### ROOM C

#### 08.45 – 09.45 FREE PAPERS: Experimental Nerve Grafts

Moderators: **A. Lee Dellon** (USA), **Anna Stamatoukou** (Greece)

08.45 – 08.49	Peroneal Nerve Regeneration Through a Healthy Tibial Nerve: A New and Alternative Method for Bridging Nerve Defects <b>Aikaterini Sakellariou, Anna Batistatou, Marios Lykissas, Mary Bai, Niki Agnanti, Alexandros Beris</b> (Greece)	019
08.49 – 08.53	Reconstruction of a 40 mm Nerve Gap in Rats Using Biodegradable Nerve Conduits Filled with Schwann Cells <b>Nektarios Sinis, Max Haerle, Stephan Thomas Becker, Burkhard Schlosshauer, Michael Doser, Harald Roesner, Klaus Dietz, Hans-Werner Müller, Hans-Eberhard Schaller</b> (Greece)	020
08.53 – 08.57	Experimental Study on Hyaluronan-filled versus Muscle-filled versus Empty Vein Guides in End-to-side Nerve Repair <b>G. Risitano, B. Manasseri, S. Geuna, S. Raimondo</b> (Italy)	021
08.57 – 09.01	Nerve Regeneration Across a Poly-DL-lactide-e-caprolactone and Collagen Neurotube Versus Conventional Grafts in a Long Nerve Gap (40mm) Rat Model: A Pilot Study <b>Epaminondas Kostopoulos, Mauro Frazer, Julia K. Terzis</b> (USA)	022
09.01 – 09.09	Discussion	
09.09 – 09.13	Combination of Collagen Tubes and Denatured Muscle Tissue to Bridge Peripheral Nerve Defects in the Rat <b>U. Dornseifer, K. Matiasek, M.A. Fichter, A. Rupp, L. Kovacs, M. Ninkovic, E. Biemer, N.A. Papadopoulos</b> (Germany)	023



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- 09.13 – 09.17 New Pure Motor Nerve Experimental Model for the Comparative Study Between End-To-End and End-To-Side Neuroorrhaphy in Free Muscle Flaps Neurotization 024  
**Georgia-Alexandra Spyropoulou, Efstathios Lykoudis, Apostolos Papalois, Anna Batistatou, George Tagaris, Emmanouil Pikoulis, Hlias Mpastounis, Othon Papadopoulos** (Greece)
- 09.17 – 09.21 Discussion
- 09.21 – 09.25 Axonal Regeneration Stimulated by Erythropoietin: An Experimental Study in Rats 025  
**M.G. Lykissas, A. Sakellariou, V.A. Kontogeorgakos, G.I. Mitsionis, A.V. Korompilias, A.K. Batistatou, A.E. Beris** (Greece)
- 09.25 – 09.29 Effects of Traditional Chinese Medicinal Herbs in Nerve Regeneration in an End-to-Side Model 026  
**M. Makrodimou, Julia K. Terzis** (USA)
- 09.29 – 09.33 NGF-S7 Factor Administration Combined with Epineural Conduit Techniques for Bridging Short Nerve Defects in the Rabbit 027  
**A. Barbitsioti, I. Ignatiadis, A. Patralexis, S. Deftereos, H. Tsolakis, A. Papalois, A. Zoubos, P.N. Soucacos** (Greece)
- 09.33 – 09.37 The Influence of bFGF and NGF in End-to-side Neuroorrhaphy of the Common Peroneal Nerve to the Tibial Nerve, as well as in the Treatment of a Common-Peroneal-Nerve Gap by Means of Autologous Grafting, in Rats 028  
**E. Ntouvali, S. Deftereos, Th. Filippidis, M. Sideris, G. Panagopoulos, A. Papalois, P.A. Kinnas** (Greece)
- 09.37 – 09.45 Discussion

#### ROOM A

#### 10.00 – 11.30 PANEL DISCUSSION: Facial Paralysis

Moderators: **Julia K. Terzis** (USA), **Catherine Vlastou** (Greece)

One Stage Facial Reanimation Using the Free Latissimus and Free Internal Oblique Muscles

**Wei Wang** (USA)

One Stage Latissimus Dorsi Transfer for Facial Reanimation

**Akihiko Takushima** (Japan)

The Evolution of Evaluation Techniques to Measure Outcomes in Facial Reanimation

**Manfred Frey** (Austria)

My Experience with Neurotized Platysma Graft in Facial Reanimation

**Tomaz Nassif** (Brazil)

Treatment of Synkinesis and the Evolution of Facial Reanimation in Taipei

**David Chwei-Chin Chuang** (Taiwan)

My Approach to Reanimation of Late Facial Paralysis

**Grazia Salimbeni** (Italy)

Experience with Temporalis Transfer for Eye Closure

**Ashok Gupta** (India)



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## ROOM B

### 10.00 – 11.30 **PANEL DISCUSSION: Vascularized Bone in Orthopaedics**

Moderators: **Panayotis N. Soucacos** (Greece), **Andreas Eisenschenk** (Germany)

Selection of Donor Sites: Characteristics of Bone Flaps, Donor Site Morbidity  
**Charalampos Zalavras** (USA)

The Versatility of the Fibula Flap  
**Konstantinos N. Malizos** (Greece)

Fibular Flaps in Avascular Necrosis of the Femoral Head  
**Anastasios Korompilias** (Greece)

Valgus Osteotomy and Optimization of the Fibular Flaps in the Treatment of Avascular Necrosis and Pseudarthrosis of the Femoral Head  
**Alexandros Beris** (Greece)

Vascularized Iliac Crest Flap in the Treatment of Avascular Necrosis of the Femoral Head  
**Andreas Eisenschenk** (Germany)

Vascularized Periosteal Flaps  
**Zoe Dailiana** (Greece)

## ROOM C

### 10.00 – 11.30 **PANEL DISCUSSION: Alternatives to Nerve Grafts**

Moderators: **Berish Strauch** (USA), **David T.W. Chiu** (USA)

Review of Global Experience on Alternatives to Nerve Grafts  
**Berish Strauch** (USA)

Criteria of an Ideal Nerve Conduit  
**David T.W. Chiu** (USA)

Update on Experimental Tubulization  
**A. Lee Dellon** (USA)

Clinical Experience with Tubulization  
**A. Lee Dellon** (USA)

Multichannel Nerve Tube as Alternative to Nerve Graft  
**Robert Spinner** (USA)

Nerve Allografts  
**Maria Siemionow** (USA)

## ROOM A

### 11.30 – 13.00 **PRESIDENTIAL SYMPOSIA**

Moderators: **Panayotis N. Soucacos** (Greece), **Domna Kalomiri** (Greece)

The Early Years of Microsurgery / Allotransplantation  
**Earl R. Owen** (Australia)

The Development of Microsurgery in Japan  
**Susumu Tamai** (Japan)

Experience with Vascularized Fibula for Avascular Necrosis of the Femoral Head  
**James R. Urbaniak** (USA)

How to Improve the Results of Nerve Repair  
**Hanno Millesi** (Austria)



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ROOM A

**14.00 – 15.30 FREE PAPERS: Facial Paralysis / Replantation**

Moderators: **Manfred Frey** (Austria), **Panayiotis Giannakopoulos** (Greece)

14.00 – 14.04	Facial Reanimation Following Tumor Extirpation: Our Approach <b>C. Vlastou, E. Lykoudis, D. Kintos, E. Bellonias</b> (Greece)	029
14.04 – 14.08	Our Experience with Facial Reanimation Surgery Following Tumor Extirpation in Adult Patients <b>Julia K. Terzis, P. Konofaos</b> (USA)	030
14.08 – 14.12	Our Experience with Facial Reanimation Surgery Following Tumor Extirpation in Pediatric Patients <b>Julia K. Terzis, P. Konofaos</b> (USA)	031
14.12 – 14.16	Facial Reanimation in South Africa <b>Georgios Psaras</b> (South Africa)	032
14.16 – 14.24	Discussion	
14.24 – 14.28	Post-Paretic Facial Synkinesis (PPFS), Pattern I: Patterns and Links <b>David Chwei-Chin Chuang</b> (Taiwan)	033
14.28 – 14.32	Post-Paretic Facial Synkinesis (PPFS), Pattern II: Management Strategy <b>David Chwei-Chin Chuang</b> (Taiwan)	034
14.32 – 14.36	Computer Based Three-Dimensional Assessment of Facial Movement by Optical Flow After Treatment of Facial Palsy <b>Ichiro Tanaka, Tatsuo Nakajima, Haruyuki Minamitani</b> (Japan)	035
14.36 – 14.40	Variations of Facial Nerve Branching <b>E. Kyriopoulou, D. Lappas, D. Zabararas, I. Gisakis, G. Giavaras, O. Papadopoulos, E. Ferekidis, P. Skandalakis</b> (Greece)	036
14.40 – 14.48	Discussion	
14.48 – 14.52	Fingertip Replantation <b>Takaaki Hasuo</b> (Japan)	037
14.52 – 14.56	Distal Finger Tip Replantation-ultramicrosurgery <b>Y. Yamano</b> (Japan)	038
14.56 – 15.00	Two-Stage Approach for Complete and Sub-Total Digit Amputations Utilizing the Pyrolytic Carbon Two-Piece Joint <b>Darrell Brooks, Rudolf F. Buntic</b> (USA)	039
15.00 – 15.06	Discussion	
15.06 – 15.10	Surgical Management in Degloving and Ring Avulsion Amputation Injuries of the Hand and Fingers <b>I. Lascar, D. Zamfirescu, S. Popescu, O. Vermesan, M. Ciupan, D. Totir, G. Lipa, L. Raducu, A. Fragos</b> (Romania)	040
15.10 – 15.14	Ring Avulsion Injuries of Fingers: The Role of Vein Grafts in Survival Rates and Articular Surface Damage in Functional Results <b>Marek Molski</b> (Poland)	041
15.14 – 15.18	Digital Reimplantation Surgery: A Ten Year Retrospective Study <b>C. Fessas, A. Alkiviades, D. Kountouriotis</b> (Cyprus)	042
15.18 – 15.24	Discussion	



<b>14.00 – 15.30 FREE PAPERS: Head and Neck Reconstruction</b>		
Moderators: <b>Peter G. Cordeiro</b> (USA), <b>George Kokkalis</b> (Greece)		
14.00 – 14.04	Reconstruction of Complex Maxillectomy and Midfacial Defects <b>Peter G. Cordeiro, Constance M. Chen</b> (USA)	043
14.04 – 14.08	Upper Jaw Reconstruction with a Doubled Osteo-Cutaneous Fibula Flap <b>S. Podrecca, P. Salvatori, S. Paradisi</b> (Italy)	044
14.08 – 14.12	Prelaminated Fibula Free Flap for Reconstruction of Small Maxillary Defects <b>Eric Santamaria</b> (Mexico)	045
14.12 – 14.16	Role of Free Flaps in Wide Palatal Fistulae <b>Govindasamy Balakrishnan</b> (India)	046
14.16 – 14.24	Discussion	
14.24 – 14.28	The Internal Mammary Artery Combined Flap <b>Yumeji Takeichi, Koji Nishihori, Akiko Semii, Kazuhisa Yokoo, Hroyuki Tada, Masaya Kato</b> (Japan)	047
14.28 – 14.32	Vascularized Tissue Transfer for the Reconstruction Following Tumor Resection of Head and Neck Cancer Involving the Skull Base <b>Katsumi Tanaka, Kuniaki Anraku, Noriyuki Sakihama, Takayuki Matsuo, Izumi Nagata, Akiyoshi Hirano</b> (Japan)	048
14.32 – 14.36	The Extended Lateral Arm Flap in Cranial Base Reconstruction <b>D.J. Schaefer, C. Kunz, M. Haug, C. Jaquier, O. Scheufler, H.F. Zellhofer, G. Pierer</b> (Switzerland)	049
14.36 – 14.42	Discussion	
14.42 – 14.46	Mandibular Reconstruction using a Iliac Bone - Rectus Abdominis Musculocutaneous Combined Flap with an Internal Oblique Muscle Pedicle <b>Koji Nishihori, Yumeji Takeichi, Akiko Semii, Kazuhisa Yokoo, Hroyuki Tada, Masaya Kato</b> (Japan)	050
14.46 – 14.50	Free Fibula Osteocutaneous Flap with Soleus Muscle as a Chimeric Flap for Reconstruction of Mandibular Segmental Defect after Oral Cancer Ablation <b>Yur-Ren Kuo, Seng-Feng Jeng, Nai-Siong Kueh, Chih-Yen Chien, Chih-Ying Su</b> (Taiwan)	051
14.50 – 14.54	The Use of Orthopantomography and Three Phase Scintigraphy for the Evaluation of Free Bone Grafts in the Oral and Maxillofacial Region <b>Christos Assimomitis, Spyros D. Stavrianos, Nickolas Baziotis, Alexander D. Rapidis, Gregory Faratzis, George Kokkalis</b> (Greece)	052
14.54 – 15.00	Discussion	
15.00 – 15.04	Free Tissue Transfer in Maxillofacial Surgical Oncology. Analysis of 75 Cases <b>Spyros D. Stavrianos, Anastasia Loupatatzi, Basil Kretsis, Maria Kotrotsiou, Athanasios Athanasiou, Gregory Faratzis, Alexander D. Rapidis, George Kokkalis</b> (Greece)	053
15.04 – 15.08	Mandibular Reconstruction Using a Fibula Osteocutaneous Flap: A Strategic Approach to Donor and Recipient Site Selection <b>Perry Liu, Ming-Huei Cheng</b> (Taiwan)	054
15.08 – 15.12	Fibula and Radial Forearm, Workhorse Flaps in Head and Neck Reconstruction <b>Oana Grosu, Sidonia Susanu, Nicolae Ghetu, Mihaela Nastase, Dragos Pieptu</b> (Romania)	055



- 15.12 – 15.16 Combination of Free Flaps and Alloplastic Materials in Head and Neck Reconstruction - A Useful Choice in Specific Cases 056  
**D. Tsiliboti, D. Antonopoulos, S. Papadopoulos, Z. Karkavitsa, V. Sarris** (Greece)
- 15.16 – 15.24 Discussion

ROOM C

**14.00 – 15.30 FREE PAPERS: Experimental Microsurgery**

Moderators: **Mihai Ionac** (Romania), **Socrates Varytimidis** (Greece)

- 14.00 – 14.04 The Effect of Recombinant Human Erythropoietin on Ischemia-reperfusion Injury: An Experimental Study on Rat TRAM Model 057  
**Eun Key Kim, Joon Pio Hong** (South Korea)
- 14.04 – 14.08 Intra-Arterial Tissue Plasminogen Activator: An Effective Adjunct Following Microsurgical Venous Thrombosis 058  
**William Casey** (USA)
- 14.08 – 14.12 Does Fondaparinux Prevent Microvenous Thrombosis? 059  
**S.H. Wong, A. Thoma, S. Ching, J.R. Bain, J.G. Kelton** (Canada)
- 14.12 – 14.16 Experimental Study on Accumulation of Lipoprostaglandin E1 at the Region of Anastomosed Vessel Wall 060  
**Masayuki Okouchi** (Japan)
- 14.16 – 14.24 Discussion
- 14.24 – 14.28 A Method for Harvesting Medial Plantar Venous Flap with Communicating Veins and Usefulness of Preoperative Ultrasound Imaging 061  
**Toshiya Yokoyama, Yoshiaki Hosaka, Jean-Marie Servant, Shinsuke Takagi** (Japan)
- 14.28 – 14.32 Blood Flow Autoregulation in Pedicled Flaps 062  
**Christian T. Bonde, Niels-Henrik Holstein-Rathlou, Jens J. Elberg** (Denmark)
- 14.32 – 14.36 The Adverse Effects of Local Infection on Arterial and Venous Microanastomosis 063  
**Alper Aksoy, Ferit Demirkan, Alper Sari** (Turkey)
- 14.36 – 14.40 Causes of Vein Graft Failure 064  
**Brian C. Cooley** (USA)
- 14.40 – 14.48 Discussion
- 14.48 – 14.52 Experimental Anastomoses for Arteries Less Than 0.5mm in External Diameter For Neo-Microsurgery – Utilizing Dual Fish-Mouth Incision 065  
**Fukasawa Katsuyasu, Kuroshima Nagatsugu, Matsushita Takashi** (Japan)
- 14.52 – 14.56 Ultrasonographic Assessment of Innominate Vessels for Less-invasive Vascularized Reconstructive Surgery 066  
**Michio Kimura, Nagatsugu Kuroshima, Katsuyasu Fukasawa, Koichi Kobayashi, Takashi Matsushita** (Japan)
- 14.56 – 15.00 Posterior-wall-first Continuous Suturing Combined with Conventional Interrupted Suturing for Microvascular Anastomosis: Study in Rats 067  
**Hideaki Watanabe, Kazuki Ueda** (Japan)
- 15.00 – 15.06 Discussion
- 15.06 – 15.10 Scanning Electron Microscopy in Different Techniques of Microvascular Anastomoses: Categorization and Factors Affecting 068  
**Mohamed M. El-Shazly, Rania Bakry, Mahmoud A. Hifny, Khaled H. Aly** (Egypt)



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15.10 – 15.14	Endoluminal Endoscopic Evaluation of Microsurgical Anastomosis for Training Purposes	069
	<b>Georg M. Huemer, Stefan M. Froschauer, Reinhard Hainisch, Dietmar Hager, Oskar Kwasny, Harald Schoffl</b> (Austria)	
15.14 – 15.18	Microvascular Anastomosis: Is There a Role for Robotic Surgery	070
	<b>Rene R.W. J. Van Der Hulst, John H. Sawor, Nicolle D. Bouvy</b> (The Netherlands)	
15.18 – 15.22	Endoscopic Versus Open Harvesting Techniques in Pig Flap Models	071
	<b>M. Ionac, A. Nistor, A. Blidisel, L. Jiga, G. Dindelegan, V. Dornean, B. Hoinoiu</b> (Romania)	
15.22 – 15.30	Discussion	

#### ROOM A

#### 15.30 – 17.00 PANEL DISCUSSION: Replantation

Moderators: **Edgar Biemer** (Germany), **Viktor E. Meyer** (Switzerland)

Major Limb Replantation

**Edgar Biemer** (Germany)

Complications in Replantation Surgery: Prevention and Treatment

**Bruno Battiston** (Italy)

Results with Major Limb Replantation

**William Zamboni** (USA)

Upper Extremity Replantations: Late Results

**Turker Ozkan** (Turkey)

Management of Amputated Digits by Temporary Ectopic Implantation

**Joseph Bakhach** (France)

Digital Replantation

**Panayiotis N. Soucacos** (Greece)

#### ROOM B

#### 15.30 – 17.00 PANEL DISCUSSION: Functional Head and Neck Reconstruction

Moderators: **Fu-Chan Wei** (Taiwan), **Giorgio De Santis** (Italy)

Glottic Reconstruction

**Hung-Chi Chen** (Taiwan)

Laryngotracheal Reconstruction

**Peter C. Neligan** (Canada)

Functional and Aesthetic Refinements in Mandible and Maxilla Reconstruction

**Giorgio De Santis** (Italy)

Reconstruction after Head and Neck Tumors

**Peter G. Cordeiro** (USA)

Total Rehabilitation after Segmental Mandibulectomy

**Fu-Chan Wei** (Taiwan)

One Stage Composite Maxillary Defect Reconstruction with Vascularized Fibula

**Ming-Huei Cheng** (Taiwan)



WSRM 2007  
ATHENS, GREECE  
JUNE 24-26

SUNDAY, JUNE 24, 2007

ROOM C

**15.30 – 17.00 PANEL DISCUSSION: Experimental Microsurgery**

Moderators: **Hari B. Kapila** (Australia), **Michael W. Neumeister** (USA)

Murine Transgenic Models for Investigating Thrombosis

**Brian C. Cooley** (USA)

Composite Tissue Allotransplantation Related Basic Research

**Yur-Ren Kuo** (Taiwan)

Tissue Engineering

**Gregory R.D. Evans** (UK)

Tissue Engineered Nerve Conduits

**Michael W. Neumeister** (USA)

End to Side Coaptation Research

**Pietro Giovanoli** (Austria)

Guided Bone Growth and the Fabrication of Vascularized Bone Flaps

**Michael J. Miller** (USA)

20.00

**Opening Ceremony and Welcome Reception – Ancient Roman Agora**

