



Keynote
lecturer
Professor
Fu-Chan Wei

Scientific Program Friday 13.6.2008

08.00-09.00	Head and neck keynote: Fu-Chan Wei : Microsurgical free flap reconstructions at Chang Gung	
09.00-10.00	Head and neck free papers Chairmen : Giorgio de Santis and Jyrki Vuola	
09.00	The use of microvascular flaps in the head and neck reconstruction Jelena Jeremic, Zivorad Nikolic (Bulgaria)	1
09.10	Mandibular microvascular reconstruction after preoperative irradiation Kalle Aitasalo, Ilpo Kinnunen, Erkki Suominen (Finland)	2
09.20	Mandibular reconstruction and free flaps designing with 3-D biomodelling technology – An Experience Of 33 Cases Horacio Zenha , Luis Azevedo, Leonor Rios, Filipe Riobom, João Guimarães, Augusta Cardoso, Armindo Pinto, Maria Luz Barroso (Portugal)	3
09.30	Reconstruction of mandible by revascularized auto transplants in view of prosthodontic requirements Nikolay Kalakutsky, Anton Gerasimov, Valery Vavilov (Russia)	4
09.40	Non-epithelial microvascular flaps in the reconstruction of mucosal defects in oral cavity Johanna Tiainen, Paula Mustonen, Matti Pukkila, Jari Kellokoski, Leena Setälä (Finland)	5
09.50	Functional results in intraoral microsurgery reconstruction with ALT; reversing the relationship with forearm free flap Massimiliano Manfredi, Manlio Gessaroli, Federico Greco, Angelo Campobassi (Italy)	6
10.00-10.30 Coffee, Exhibition & Posters		
10.30-11.15	Head and neck panel Chairmen: Thorbjörn Söderström and Outi Kaarela Horacio Costa: Extra and intraoral soft tissue reconstructions Giorgio de Santis: Functional and aesthetic innovations in jaw reconstruction	
11.15-13.00	Head and neck free papers Chairman Thorbjörn Söderström and Outi Kaarela	
11.15	Building of spacious defects of middle and lateral facial regions after the surgical treatment of extensive tumors Nikolay Kalakutsky, Sergei Chebotarev, Dmitry Gulyaev, Olga Petropavlovskaya, Valery Vavilov (Russia)	7
11.25	Fibula and radial forearm, workhorse flaps in basic head and neck reconstruction Nicolae Ghetu, Codrin Dobreanu, Sidonia Susanu, Oana Grosu, Dragos Pieptu (Romania)	8
11.35	Orbital rehabilitation after resection of nasal and paranasal malignancies Johnny Cappiello, Cesare Piazza, Andrea Bolzoni Villaret, Giorgio Gastaldi, Barbara Pedruzzi, Piero Nicolai (Italy)	9
11.45	The use of vascularised iliac crest with internal oblique muscle flap for composite upper maxillary reconstruction Massimo Maranzano, Vittorio Giacomarra (Italy)	10
11.55	Reconstructive options for maxillo-facial and skull base oncologic defects; Experience on 146 cases Cesare Piazza, Johnny Cappiello, Andrea Bolzoni Villaret, Giorgio Gastaldi, Barbara Pedruzzi, Piero Nicolai (Italy)	11

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12.15	Reconstruction of the large palatal defects using the free anterolateral thigh flap Ozlenen Ozkan, Ömer Özkan, O. Koray Coskunfira (Turkey)	13
12.25	Use of the free prefabricated cartilaginous-cutaneous radial forearm flap for tracheal reconstruction Olga Y. Shimbireva, Nickolay N. Milanov, Evgeny I. Trofimov, Vladimir D. Parshin (Russia)	14
12.35	Circumferential Tracheal Reconstruction for the Functional Treatment of Airway Compromise Gerardo Millán João Olias (Portugal)	15
12.45	Deep inferior epigastric artery perforator Rectus Abdominis (Dieap-Ra) free flap for head and neck reconstruction Andrea Bolzoni Villaret, Cesare Piazza, Johnny Cappiello, Barbara Pedruzzi, Piero Nicolai (Italy)	16
12.55	Microsurgical reconstruction of the nose with dorsalis pedis flap Ann-Charlott Docherty Skogh, Martin Halle, Erik Neovius, Claes Arnander, Ola Larson (Sweden)	17

13.00-14.00 Lunch, Exhibition & Posters

14.00-14.45	Perforator flaps Chairmen Suhan Ayhan and Thomas Schöller Jaume Masia: Perforator mapping	
11.15	Tiew Teo: Propeller flaps	
14.45-15.30	Perforator flaps free papers Chairmen Suhan Ayhan and Thomas Schöller	
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15.15	Free supraclavicular perforator flap: anatomic study and preliminary clinical applications Salvatore D'Arpa, Adriana Cordova, Roberto Pirrello, Francesco Moschella (Italy)	21
15.25	Lower limb reconstruction using propeller perforator flaps Philip Lim, Charles Stacey, TC Teo (UK)	22

15.30-16.00 Coffee, Exhibition & Posters

16.00-16.30	EMRA session European microsurgical association	
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16.30	Blood flow autoregulation in pedicled flaps Christian Bonde, Niels-Henrik Holstein-Rathlou, Jens J. Elberg (Denmark)	23
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16.50	Hemodynamic differences in blood flow between free skin and muscles flaps: Prospective study Serdar Nasir, Bahattin Baykal, Selman Altuntas, Mustafa Asim Aydin (Turkey)	25
17.00	Open versus endoscopic assisted free flap harvesting. A comparative study in pigs Alexandru Nistor, Alexandru Blidisel, Lucian Jiga, Bogdan Hoinoiu, Vlad Dornean, Mihai Ionac (Romania)	26
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17.40	Thrombotic effect of purposeful back wall stitch for end to side microarterial anastomosis in rats Serdar Nasir, Mustafa Asim Aydin, Selman Altuntas, Meltem Ozguner (Turkey)	30

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	Giorgio Brunelli: Reanimation of the flexion of the elbow	
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11.50	Voluntary motor function recovery after end-to-side nerve repair can be obtained, in the rat, also when an antagonistic nerve is used as donor nerve Stefano Geuna, Igor Papalia, Aurelio Cardaci, Francesco Stagno D'Alcontres, Stefania Raimondo, Pierluigi Tos (Italy)	46
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12.30-13.30 Lunch , Exhibition & Posters		
13.30-14.15	Toe to hand panel Chairmen: Kestutis Vitkus and Timo Raatikainen Simo Vilkki: Strategy in pediatric toe to Thumb reconstruction Fu Chan Wei: Toe to hand	
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14.25	Emergency distal forearm perforator flaps for reconstructing severe hand and wrist defects. 75 Cases Ioannis Ignatiadis, Adrian Avram, Vasilas Spyridon, Philippe Ardelean, Ileana Matei, Filippos Giannoulis, Sarantis Spiridonos, Nicolaos Gestathopoulos (Greece, Romania)	51
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14.55	Long term results of metacarpal hand reconstruction with a second toe transfer Tero Kotkansalo, Simo Vilkki (Finland)	54
15.05	Surgical management in degloving and ring avulsion amputation injuries of the hand and fingers Dragos Zamfirescu, Ioan Lascar, Oana Vermesan, Madalina Ciupan, Raluca Bratianu, Ion Zegrea, Andrei Stefanescu, Ruxandra Sinescu, Carol Davila (Bulgaria)	55
15.15	Secondary procedures following digital replantation Ioan Lascar, Dragos Zamfirescu, Serban Popescu, Oana Vermesan, Dumitru Totir, Raluca Bratianu, Ion Zegrea, Andrei, Stefanescu, Carol Davila (Bulgaria)	56
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15.35	Microsurgical reconstruction of complex upper extremity defects Rado Zic, Sanda Stanec, Srecko Budi, Zlatko Vlajcic, Zdenko Stanec (Kroatia)	58
15.45-16.15 Coffee, Exhibition & Posters		

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16.15-17.00	Facial paresis panel Chairmen Pietro Giovanoli and Grazia Salimbeni Grazia Salimbeni: Planning facial reanimation in long standing and recently established facial palsies Disa Lidman: Treatment of facial paresis with free muscle transfer	
17.10-18.00	Head and Neck free papers Chairmen Zoran Arnez and Norbert Pallua	
17.00	Maintaining the perfusion pressure after microvascular flap surgery - Safety of postoperative norepinephrine and dopamine Lassi Raittinen, Jussi Laranne, Minna Kääriäinen, Ulla Karhunen, Hannu Kuokkanen, Juhani Pukander (Finland)	59
17.10	Re-explorations and salvage surgery in 221 microvascular free tissue transfers to the head and neck Martin Halle, Ingrid Bodin, Claes Arnander (Sweden)	60
17.20	Costs in microsurgery and flap monitoring Leena Setälä, Daiva Gudaviciene, Leena Berg, Paula Mustonen, Heini Koskenvuori (Finland, Lithuania)	61
17.30	Continuous free-flap monitoring with tissue-oxygen measurement Niina Ruoposa, Outi Kaarela (Finland)	62
17.40	Postoperative tissue oxygen monitoring, a valuable method for the clinician in head and neck microvascular reconstruction Jussi Laranne, Lassi Raittinen, Hannu Kuokkanen, Minna Kääriäinen, Ulla Karhunen, Juhani Pukander (Finland)	63
17.50	10 years experience in tissue oxygen monitoring Thomas Shoeller (Austria)	64
18.00	Post operative monitoring of microvascular breast reconstructions using the implantable Cook-Swartz doppler system : A study of 145 probes & technical discussion Iain S Whitaker, Jeroen M Smit, Ander G Liss, Morten Kildal, Thorir Audolfsson, Rafael Acosta (Sweden, UK, The Netherlands)	65



Keynote
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Professor
Simo Vilkki

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- 08.00-09.00 **Keynote lecture**
Timo Raatikainen: **Introduction of the keynote speaker**
Simo Vilkki: **Highlights in reconstructive microvascular surgery - 30 years on the cutting edge**
- 09.00-10.00 **Replantation panel**
Chairmen: Alexandru Georgescu and Simo Vilkki
Alexandru Georgescu: **Indications of replantation in upper extremity**
Bruno Battiston: **Results of macroreplantation**
Bruno Battiston: **Indications of lower limb replantation**

10.00-10.30 **Coffee, Exhibition & Posters**

- 10.30-11.30 **Breast Panel**
Chairmen: Jens Jörgen Elberg and Sinikka Suominen
Moustapha Hamdi: **Pedicled perforator flaps in breast reconstruction**
Thomas Schöller: **TMG flap in breast reconstruction**
Zdenko Stanec: **Techniques for immediate breast reconstruction**
- 11.30-13.00 **Breast free papers**
Chairmen: Rafaela Acosta and Moustapha Hamdi
- 11.30 **Sensation in the reconstructed breast** **66**
Christian Bonde, Marie Fridberg, Jens Elberg (Denmark)
- 11.40 **Battle of decisions during autogenous breast reconstruction: an algorithmic** **67**
Suhan Ayhan, Serhan Tuncer (Turkey)
- 11.50 **An 8 year review of 552 free DIEP breast reconstructions: The learning curve explored** **68**
Rafael Acosta, Iain S Whitaker, Jeroen M Smit, Thorir Audolfsson, Ed HM Hartman, Morten Kildal, Anders G Liss (Sweden, UK, The Netherlands)
- 12.00 **Dissection of internal mammary vessels through the 2nd intercostal space: an approach to decrease recipient-site morbidity in breast reconstruction** **69**
Gemma Pons, Jaume Masià, Jose Larrañaga, Lorena Vives (Spain)
- 12.10 **Chest wall and breast reconstruction in Poland's Syndrome with the TMG-flap** **70**
Georg M. Huemer, Stefan O.P. Hofer, Moustapha Hamdi, Koenrad Van Landuyt, Christian Gabka, Herbert Hussl, Thomas Schoeller (Austria, Canada, Belgium, Germany, Austria)
- 12.20 **Breast reconstruction using free flaps combined with delayed procedure** **71**
Henrik Dyreby (Denmark)
- 12.30 **Preservation of the contralateral abdominal flap following harvest of unilateral deep inferior epigastric artery perforator flap for staged bilateral breast reconstruction** **72**
Tahsin Oguz Acartürk, Cem Kaan Parsak, Adana (Turkey)
- 12.40 **Shaping and positioning free flaps to improve the cosmetic outcome of autologous breast reconstruction** **73**
Mauro Schiavon, Eugenio Fraccalanza, Roberto Baraziol, Jacopo Tesei, Gabriele Salloum (Italy)
- 12.50 **Effect of systemic Piracetam on free flap breast reconstruction** **74**
Serhan Tuncer, Suhan Ayhan, Safak Uygur, Tuba Guclu, Ayca Sencan (Turkey)

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- 12.55 **Internal mammarian lymph node metastasis of breast cancer: A coincidental diagnosis during breast reconstruction** 75
Suhan Ayhan, H. Yucel Demir, Ismail Kucukoduk, Safak Uygur, Serhan Tuncer, Suna Ozhan Oktar, Ercument Tekin (Turkey)
- 14.00-15.30 **Lower limb panel**
Chairmen: Zdenko Stanec and Erkki Tukiainen
Murat Topalan: **Reconstruction of lower limb with poor vascularity**
Marco Innocenti: **Soft tissue sarcoma reconstruction with free flaps**
Norbert Pallua: **Free flap transfers of diabetic foot**

15.30-16.00 Coffee, Exhibition & Posters

- 16.00-17.00 **Traumatic soft tissue and bone defects panel**
Chairmen: Murat Topalan and Hannu Kuokkanen
Zoran Arnez: **Treatment of open tibial fractures**
Gerhard Pierer: **Tridimensional planning in bone reconstruction**
Pietro Giovanoli: **Upper extremity long bone reconstruction**
- 17.00-18.00 **Lower limb free papers**
Chairmen: Murat Topalan and Hannu Kuokkanen
- 17.00 **Is it Latissimus Dorsi still a useful flap nowadays?** 76
Alexandru Georgescu, Ileana Matei, Irina Capota, Filip Ardelean (Romania)
- 17.10 **Free flap transfer in the treatment of degloving injuries of the lower extremity** 77
Marie Stoel, Piet Reynders, Stefaan Nijs, Dominique Misselyn, Martin Kuppens, Mieke Flour, Robert Hierner (Belgium)
- 17.20 **Indications and results of pedicled and free flaps for coverage of total knee prosthesis** 78
Robert Hierner, Piet Reynders, José Styuck, Johan Bellemans (Belgium)
- 17.30 **Suprafascial pedicled flaps in the lower limb - an anatomical and clinical investigation** 79
Elisabeth Zetlitz, Haris Mesic, J. Shaw-Dunn, John Scott, Joerg Dabernig (UK, Norway)
- 17.40 **Reconstruction of the heel** 80
Vanja Basic, Haris Mesic (Norway)
- 17.50 **Free fibula flap for defect reconstruction after total sacrectomy** 81
Liesbeth Vandermeeren, Ivo DeWever, Ignace Samson, Frank van Calenbergh, Robert Hierner (Belgium)
- 18.00 **Closing remarks**
Erkki Tukiainen, president of the congress

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- 08.00-10.00 **Micellaneous free papers**
Chairmen: Rado Zic and Tarja Niemi
- 08.00 **The use of a jejunum segment for vaginal reconstruction: Clinical experience and results in nine patients** 82
Omer Ozkan, Munire E. Akar, Ozlenen Ozkan, Taner Çolak (Turkey)

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08.10	Extensive urethroplasty with prefabricated radial flap Ruben Adamyan, Alexander Zelyanin, Konstantin Lipsky, Olga Shimbireva, Andrew Zhumanov, Igor Gulyaev (Russia)	83
08.20	Application of free microsurgical autotransplants in urology Nickolay Milanov, Ruben Adamyan, Olesya Starceva, Olga Shimbireva, Andrey Istranov (Russia)	84
08.30	Pedicled perforator flaps in urogenital reconstruction Maija Kolehmainen, Sinikka Suominen (Finland)	85
08.40	Extended applications of pedicle perforator flaps for reconstructions of soft tissue defects Musa Mateev (Kyrgyzstan)	86
08.50	The Anterolateral Thigh Flap as reconstructive option: A clinical series Mahendra Daya (South Africa)	87
09.00	Management of traumatic tibial defects using free vascularized fibula or Ilizarov bone transport: A comparative study Tarek El-Gammal (Egypt)	88
09.10	Bilateral lower extremity salvage in frostbite injury by using free tissue transfer transfers in one stage Murat Topalan, Erdem Guven, Defne Onel (Turkey)	89
09.20	Microvascular reconstructions after soft tissue sarcoma resections in the lower limb Ian Barner-Rasmussen, Erkki Tukiainen, P. Popov, T. Böhling (Finland)	90
09.30	Local flaps based on perforator vessels in limb reconstruction Pierluigi Tos, Andrea Antonini, Luigi Giulio Conforti, Valentina Camilleri, Manuel Llusa, Stefano Geuna, Bruno Battiston (Italy, Spain)	91
09.40	Vascularized bone marrow transplant as an alternative to conventional cellular bone marrow transplantation Dragos Zamfirescu, Ioan Lascar, Earl Owen, Marco Lanzetta, Ion Zegrea, Raluca Bratianu, Ruxandra Sinescu, Andrei Stefanescu, Carol Davila (Romania, Australia)	92
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10.00-10.30 Coffee, Exhibition & Posters

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11.00	The flow-through free flap concept in coverage and revascularisation of the upper extremity Luís Azevedo, Horácio Zenha, Leonor Rios, Filipe Riobom, João Guimarães, Augusta Cardoso, Armindo Pinto, Maria Luz Barroso (Portugal)	97
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16.00-16.30 Coffee, Exhibition & Posters

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