

**Wednesday 23 September 2009**

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**Session 8A: Structural And Functional Imaging I**

**0830 – 0900 KEYNOTES**

**Parkside I 10A**

*Chair: Evangelos Dimakakos and Co-Chair: Vaughan Keeley*

- 0830 – 0840 IN VIVO IMAGING BY THE USE OF COMBINED RADIOISOTOPE DRUG WITH PARAMAGNETIC CONTRAST AGENT: NEW HORIZONS IN IMAGING OF THE LYMPHATIC SYSTEM?  
*Evangelos Dimakakos (Greece)*
- 0840 – 0850 STRUCTURAL AND FUNCTIONAL IMAGING: BETTER IMAGES, ENHANCE OUTCOMES  
*Alain Pecking (France)*
- 0850 – 0900 THE USE OF IMAGING IN A CHRONIC OEDEMA CLINIC  
*Vaughan Keeley (United Kingdom)*
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**0900 – 1000 Oral Presentations**

- 0900 – 0910 Lymph Drainage Measured by Lymphoscintigraphy in the Breast After Reduction Mammoplasty  
*Leif Perbeck (Sweden)*
- 0910 – 0920 Intradermal Lymphoscintigraphy: The Effect of a Quick Exercise or Walk on the Compensatory Mechanism of Lymphoedema  
*Girolamo Tartaglione (Italy)*
- 0920 – 0930 The Role of Lymphoscintigraphy in the Diagnosis of Lymphoedema in Turner's Syndrome  
*Carlo Bellini (Italy)*
- 0930 – 0940 Lymphoscintigraphy As An Imaging Modality in Lymphatic System  
*Shilpa Kalal (India)*
- 0940 – 0950 Regeneration of Lymphatic Axillary Vessels After Axillary Lymphnode Dissection: Lymphoscintigraphic Evidence  
*Andrzej Szuba (Poland)*
- 0950 – 1000 The Role of High Resolution Ultrasound Examination in Lymphoedema  
*Klaus-Peter Martin (Germany)*
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**Session 8B: Structural And Functional Imaging II**

**0900 – 1000 Oral Presentations**

**Parkside I 10B**

*Chair: Håkan Brorson and Co-Chair: Walter Williams*

- 0900 – 0910 The Lymphangioscintigraphic Approach to Chylous Reflux Syndrome Disorders  
*Walter Williams (USA)*
- 0910 – 0920 Quantitative Lymph Imaging for Assessment of Lymph Function Using Interstitial MR Lymphangiography in Experimental Rabbit Limb Lymphoedema  
*Zhaohua Jiang (China)*
- 0920 – 0930 Adipose Tissue Dominates Chronic Arm Lymphoedema Following Breast Cancer: An Analysis Using Volume Rendered CT Images.  
*Håkan Brorson (Sweden)*
- 0930 – 0940 Breast Cancer-Related Chronic Arm Lymphoedema is Associated with Excess Adipose and Muscle Tissue.  
*Håkan Brorson (Sweden)*

- 0940 – 0950 Anatomical and Functional Evaluation of Lymphatics and Lymph Nodes in Diagnosis of Extremity Lymphoedema with Dynamic MR Lymphangiography  
*Ning-Fei Liu (China)*
- 0950 – 1000 Benefits of Lymphoscintigraphy (LSA) in Atypical Filariasis  
*M Indirani (India)*

1000 – 1030 Morning Tea

Exhibition, Parkside Foyer

### Session 9A: Bio Impedance and Other Imaging

#### 1030 – 1230 **Oral Presentations** **Parkside 110A**

*Chair: Robyn Box and Co-Chair: Ivan Yarema*

- 1100 – 1110 A Comparison of DEXA and BIS For the Measurement of Breast Cancer Related Arm Lymphoedema  
*Sharon Czerniec (Australia)*
- 1110 – 1120 Preclinical Bioimpedance Diagnostics of the Disorders of Lymph Drainage  
*Ivan Yarema (Russia)*
- 1120 – 1130 The Equivalence of the L-Dex U400 (Imp SFB7+) with the Imp XCA Device  
*Robyn Box (Australia)*
- 1130 – 1140 A Pilot Study on Oedema Reduction Patterns During Complex Physical (Lymphatic) Therapy (CPT) Using Bioelectrical Impedence Analysis  
*Helen Mackie (Australia)*
- 1140 – 1150 Leg Volumetry: Comparison of Magnetic Resonance Imaging with Optoelectronic Measurement  
*Gyöző Szolnoky (Hungary)*
- 1150 – 1200 MR-Lymphangiography – Correlation with Lymphoscintigraphy  
*Ruediger Baumeister (Germany)*
- 1200 – 1210 Rodent Models of Secondly Hindlimb Lymphoedema Assessed by Indocyanine Green Fluorescence Lymphography  
*Minoru Suzuki (Japan)*
- 1210 – 1220 Improving Lymphoscintigraphy Utility  
*Harry Gibbs (Australia)*
- 1220 – 1230 Indocyanine Green Fluorescence Lymphography, A Novel Imaging Technique to Detect Lymph Leakage  
*Naoki Unno (Japan)*

### Session 9B: Blood Tissue Lymph: Anatomy

#### 1030 – 1230 **KEYNOTES** **Parkside 110B**

*Chair: Colin Carati and Osamu Ohtani*

- 1030 – 1050 LYMPHATIC ANATOMY AND BASIC BIOLOGY-WHAT THE ULTRA STRUCTURE CAN TELL US  
*Colin Carati (Australia)*
- 1050 – 1110 ANATOMY AND DEVELOPMENT ASPECTS OF LYMPHATIC VESSELS  
*Osamu Ohtani (Japan)*

#### 1100 – 1230 **Oral Presentations**

- 1100 – 1110 Therapeutic Effect of Negative Pressure on Chronic Pharyngitis and Its Mechanism  
*Zhiyu Liu (China)*
- 1110 – 1120 Reconstruction of Lymphatic Vessels by Lymphatic Endothelial Cells Combined With Polyglycolic Acid (PGA) Scaffolds: A Pilot Study

- Shengli Li (China)
- 1120 – 1130 The Collateral Lymphatic Circulation  
*Josef Bruna (Czech Republic)*
- 1130 – 1140 The Role of Brain Natriuretic Peptide (BNP) Measurements in the Assessment of Leg Oedema  
*Vaughan Keeley (United Kingdom)*
- 1140 – 1150 Radioprotection From Radiation Induced Lymphoedema Without Tumor Protection  
*Sarah Daley (USA)*
- 1150 – 1200 Characterising the Role of Lymphatic Vessel Subtypes in Disease  
*Ramin Shayan (Australia)*

1230 – 1400 Lunch Exhibition, Parkside Foyer

**Lunchtime Session  
Parkside 110A**

**Sponsored by Tactile Systems Technology**



- 1300 – 1330 Intermittent Pneumatic Devices: Advances in The State of The Art  
*Stanley Rockson (USA)*

**Session 10: When Conservative Treatment Fails**

**1400 – 1530 KEYNOTES  
Parkside 110B**

*Chair: Neil Piller and Co-Chair: Alex Munnoch*

- 1400 – 1420 MICRO-SURGICAL TREATMENT OF LYMPHOEDEMA  
*Francesco Boccardo (Italy) and Corradino Campisi (Italy)*
- 1420 – 1450 LIPOSUCTION TREATMENT OF LYMPHOEDEMA  
*Håkan Brorson (Sweden)*
- 1450 – 1520 LYMPHOEDEMA AND SURGERY: CONFIRMATORY STUDIES  
*Harry Voesten (The Netherlands)*

1230 – 1400 Afternoon Tea Exhibition, Parkside Foyer

**Session 11A: Liposuction**

**1600 – 1720 Oral Presentations  
Parkside 110A**

*Chair: Håkan Brorson and Co-Chair: Alex Munnoch*

- 1600 – 1610 Liposuction Normalises Elephantiasis of the Leg – A Prospective Study With a Six Year Follow-Up  
*Håkan Brorson (Sweden)*
- 1610 – 1620 Liposuction of Postmastectomy Arm Lymphoedema Completely Removes Excess Volume: A 15 Year Study  
*Håkan Brorson (Sweden)*
- 1620 – 1630 Early Australian Experience and Follow-up of Treating Chronic Lymphoedema With Mechanical Suction Assisted Lipectomy (MSAL) and Controlled Compression Therapy  
*Joseph Tiong (Australia)*
- 1630 – 1640 Changes In Bioimpedence Recording of Extracellular Fluid Following Liposuction For Chronic Arm Lymphoedema Related Adiposity  
*Helen Mackie (Australia)*
- 1640 – 1650 Liposuction For Chronic Lymphoedema – Four Years of Experience in Dundee, Scotland  
*Kirsty Munro (United Kingdom)*

- 1650 – 1700 Liposuction of Upper Extremity Lymphoedema: Three-year Results  
*Martin Wald (Czech Republic)*
- 1700 – 1710 Liposuction of Lymphoedema – Confirmatory Studies from the Netherlands  
*Harry Voesten (Netherlands)*
- 1710 – 1720 Controlled Compression Therapy After Liposuction of Leg Lymphoedema – Treatment Strategies  
*Karin Ohlin (Sweden)*
- 1720 – 1730 Consistent Long-Term Follow Up Procedures for Lymphoedema Patients Following Liposuction of Arm and Leg Lymphoedema  
*Barbra Svensson (Sweden)*

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## Session I I B: Micro/Surgical Procedures

### 1600 – 1700 Oral Presentations

#### Parkside I I0B

*Chair: Corrado Campisi and Co-Chair: Ruediger Baumeister*

- 1600 – 1610 Lymphatic Microsurgery for Primary Prevention of Secondary Lymphoedema after Breast Cancer Surgery: A Model of Translational Lymphology  
*Corrado Campisi (Italy)*
- 1610 – 1620 Outcome of Lymphoedema after Microsurgical Treatment  
*Guido Giacalone (Belgium)*
- 1620 – 1630 Lymph Vessel Transplantation – A Case Report  
*Carolin Freccero (Sweden)*
- 1630 – 1640 New Surgical Treatment for Lymphoedema Patients (Vascularised Lymphadiposal Flap)  
*Kentaro Doi (Japan)*
- 1640 – 1650 Transplantation of Lymphatic-Bearing Flaps in the Treatment of Extremities Lymphoedema and Follow-Up Results  
*Shengli Li (China)*
- 1650 – 1700 Update of Bridging Lymphatic Gaps by Lymphatic Autografts  
*Ruediger Baumeister (Germany)*

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## Session I I C: Surgical Procedures

### 1600 – 1710 Oral Presentations

#### Parkside G04

*Chair: Martin Wald and Co-Chair: Etelka Földi*

- 1600 – 1610 The Surgical Management of Chronic Penoscrotal Lymphoedema  
*Martin Wald (Czech Republic)*
- 1610 – 1620 Sentinel Node Dissection in Breast Cancer: Its Impact on Morbidity and Lymphoedema Occurrence in a Single Institution  
*Alain Pecking (France)*
- 1620 – 1630 Combined Surgical Treatment for Lymphoedema: Three Years of Experience  
*Jaume Masia (Spain)*
- 1630 – 1640 Surgical Procedures in Lymphoedema of the Genitals  
*Marek Stanczyk (Poland)*
- 1640 – 1650 Surgical Approach to Lymphatic Fistulas Following Greater Saphenous Vein Harvest For Aortocoronary Bypass  
*Mauro Andrade (Brazil)*
- 1650 – 1700 An Integrated Therapy Concept For Reduction of Postoperative Complications After Resection of a Panniculus Morbidus  
*Nestor Torio-Padron (Germany)*
- 1700 – 1710 Single-Stage Secondary DIEaPflap Breast Reconstruction and Lymph Node Transfer in the Treatment of Secondary Upper Limb Lymphoedema  
*Koenraad Van Landuyt (Belgium)*

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## Session 1: Setting the Scene

### 1800 – 2100 Parkside I 10A

*Chair: Professor Neil Piller*

- 1800 – 1805 Together We Can Make A Difference  
*Neil Piller (Australia)*
- 1805 – 1820 Lymphoedema Facts and Figures  
*Kate White (Australia)*
- 1820 – 1835 How We Can Tell Where The Lymphatic System Is Damaged – Making Images Of Our Lymphatic System  
*Vaughan Keeley (United Kingdom)*
- 1835 – 1850 Lymphoedema and Life Impact  
*Jane Armer (USA)*

1900 – 1930 Tea and Coffee

Exhibition, Parkside Foyer

## Session 2: Conservative and Other Treatments

### 1935 – 2100 Parkside I 10A

*Chair: Professor Neil Piller*

- 1935 – 1950 Exercise and Activity – How It Helps Lymphoedema?  
*Sandi Hayes (Australia)*
- 1950 – 2005 Conservative Therapies and Self Management  
*Amanda Moseley (Australia)*
- 2005 – 2020 Alternate and Complementary Therapies  
*Jan Douglass (Australia)*
- 2020 – 2035 Lymphoedema and Obesity  
*Etelka Földi (Germany)*
- 2035 – 2050 Liposuction for Lymphoedemas  
*Hakan Brorson (Sweden)*
- 2050 – 2100 Education and Awareness: How You Can Make A Difference  
*Neil Piller (Australia)*

## Session 3: Infant and Adolescent Lymphoedema

### 1935 – 2035 Parkside I 10B

*Chair: Professor Jacqueline Todd*

- 1935 – 2005 What Do You Need To Know? Communicating with Children, Teenagers and Their Family?  
*Jacqueline Todd (United Kingdom)*
- 2005 – 2035 Best Practice – Great Outcomes for The Younger Patients  
*Christine Moffatt (USA)*