

# OSSEOINTEGRATION: CONTINUED ADVANCEMENTS IN REHABILITATION AND PAIN MANAGEMENT

NOVEMBER 2nd, 3rd & 4th 2012



Shangri-La Hotel Sydney  
& Norwest Private Hospital

## FRIDAY 2nd NOVEMBER 2012

Cambridge Rooms

7:30 Registration

### Rehabilitation of amputees

**Chairperson: Dr. Al Muderis, Fiona Barnett**

Please allow some time at the end of your speeches for questions and answers

**8:30-8:50** – Stump management after early amputation (Stefan Laux)

**8:50-9:10** – Rehabilitation after above knee amputation (Dr. Simon Chan)

**9:10-9:30** – Rehabilitation after upper limb amputation (Dr. Greg Bowring)

**9:30-9:50** – Occupational therapy & ADL retraining after upper limb amputation (Matthew Sproats)

**9:50-10:10** – Psychology of an amputee (Dr. Chris Basten)

**10:10-10:30** Morning tea

### Osseointegration

**Chairperson: Dr. Richard O'Donnell**

Please allow some time at the end of your speeches for questions and answers

**10:30-10:50** – History of osseointegration (Prof. Ludger Gerdesmeyer)

**10:50-11:10** – Osseointegration applications (Dr. Dora-Lisa Juhnke)

**11:10 – 11:30** – Histology and biomechanics of osseointegration (Prof. Ludger Gerdesmeyer)

**11:30-11:50** – Long term results of osseointegration (Prof. Ludger Gerdesmeyer)

**11:50-12:10** – ILP: What is it? Components, materials etc (Dr. Munjed Al Muderis)

**12:10-13:10** – Lunch

### To be taken into account: Concerns of prosthetists, physios and nurses

**Chairperson: Dr. Simon Chan**

Please allow some time at the end of your speeches for questions and answers

**13:10-13:35** – Biomechanics (Prof. Brendan Burkett)

**13:35-14:00** – Prosthetic knee considerations (Stefan Laux)

**14:00-14:25** – Physiotherapy after above knee amputation (Cathy Howells)

**14:25-14:50** – The OGAAP rehab protocol (Sarah Benson)

**14:50-15:15** – ILP: Perspective of a nurse (Jennifer Martin)

**15:15-15:30** – Afternoon tea

### Applications of osseointegration technology

**Chairperson: Dr. Horst Heinrich Aschoff**

Time (10 min) considered at the end of session for questions and answers

**15:30-15:45** – America, are we there yet? (Dr. Richard O'Donnell)

**15:45-16:00** – New Zealand (Joe Brownlee)

**16:00-16:15** – Patient profiles (Fiona Barnett)

**16:15-16:30** – The Australian amputee prospective in treatment options and information (Melissa Noonan)

**16:30-16:50** – Perspective of a patient: Mitchell Grant & Suzann Main

**16:50-17:00** – Group discussion

**17:00** – Meeting closed

**19:00-22:00** – Orthodynamics 'Welcome Dinner'

## SATURDAY 3rd NOVEMBER 2012

Cambridge Rooms

### Experiences with the integrated leg prosthesis

**Chairperson: Prof. Ludger Gerdesmeyer**

Time (15 min) considered at the end of session for questions and answers

**8:00-8:30** – Designs and numbers before and after 2009 (Dr. Dora-Lisa Juhnke)

**8:30-9:00** – ILP: the German experience in Ludwigshafen (Dr. Dietrich Schulte-Bockholt)

**9:00-9:30** – ILP: the German experience in Lübeck (Dr. Horst Heinrich Aschoff)

**9:30-9:50** – ILP: the Australian experience (Dr. Munjed Al Muderis)

**9:50-10:05** – Perspective of a patient: Petra Jakobs & Glen Bedwell

**10:05-10:20** – Group discussion

**10:20-10:35** – Morning tea

### Special treatments and concerns about ILP patients

**Chairperson: Dr. Dietrich Schulte-Bockholt**

Please allow some time at the end of your speeches for questions and answers →

## SUNDAY 4th NOVEMBER 2012

Macquarie University Hospital

**9:30-12:30** – Wet Lab (Surgeons only) (Dr. Horst Heinrich Aschoff and Dr. Munjed Al Muderis)

Essex Rooms

**9:00-10:15** – Rehabilitation and prosthetic training (Stefan Laux, Fiona Barnett & ILP Patients)

**10:35-10:50** – Anaesthetic approach to ILP (Dr. Ajay Kumar)

**10:50-11:05** – 'Crosswords are not just for anaesthetists': can anaesthetic technique determine neurological outcome? (Dr. Ajay Kumar)

**11:05-11:35** – Pain management - What to do with difficult patients? (A/Prof. Tillman Boesel)

**11:35-12:00** – Psychology of an amputee using the ILP (Dr. Chris Basten)

**12:00-12:20** – Perspective of a patient: Stephan Borton

**12:20-12:30** – Group discussion

**12:30-13:30** – Lunch

**13:30-15:00** – Live video streaming osseointegration surgery from Norwest Private Hospital Stage I

**15:00-15:15** – Afternoon tea

**15:15-17:00** – Live video streaming osseointegration surgery from Norwest Private Hospital Stage II

**17:00** – Closure of meeting (Dr. Horst Heinrich Aschoff)

**19:00** – User Meeting



**10:15-10:30** – Morning tea

**10:30-11:30** – Rehabilitation and prosthetic training (Stefan Laux, Fiona Barnett & ILP Patients)

**11:30-12:00** – Group discussion

**12:00-12:15** – Closure of meeting (Stefan Laux)

**12:15** – Lunch

ORTHODYNAMICS

#### PROGRAM CHAIRS

**Dr. Munjed Al Muderis**  
MB ChB, FRACS, FAOrthA  
Hip, knee and trauma surgeon  
Senior clinical lecturer at Macquarie University Hospital & The Australian School of Advanced Medicine

**Dr. (med) Horst Heinrich Aschoff**  
Chefarzt  
Klinik für Plastische, Hand- u. Rekonstruktive Chirurgie  
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Director, UCSF Sarcoma Program

**Dr. Ajay Kumar**  
FRACS  
Macquarie University & Melbourne University  
Department of Anaesthesiology and Pain management

#### COURSE FACULTY

**Dr. Joe Brownlee**  
FRACS (orth)  
Orthopaedic Surgeon



#### COURSE FACULTY

**Dr. Dietrich Schulte-Bockholt**  
Leitender Arzt der Sektion Endoprothetik, BG - Unfallklinik Ludwigshafen

**Prof. Ludger Gerdesmeyer**  
University of Kiel, Dept. of Orthopaedic & Traumatology, Kiel, Germany

**A/Prof Tillman W. Boesel**  
Advanced Scholar - Anaesthesia & Pain Management  
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**Dr Simon Chan**  
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**Stefan Laux**  
B.P&O, Dipl. P&O(D)  
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**Dr. Chris Basten**  
M. Psychol; PhD

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**Dr. Gregory T Bowring**  
Director Dept of Rehabilitation Medicine  
Prince of Wales Hospital  
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ISPO Australia (International Society of Prosthetics and Orthotics, Australian National Member Society).

**Cathy Howells**  
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**Prof. Brendan Burkett**  
Brendan Burkett Ph.D. OAM FIEAust  
Professor in Sport Science (Biomechanics)  
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Orthopaedic research fellow of Dr. Munjed Al Muderis

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