

# THE 2ND AUSTRALASIAN OSSEOINTEGRATION FOR AMPUTEES CONFERENCE 2105



PRESENTED BY THE OSSEOINTEGRATION GROUP OF AUSTRALIA; CONTINUED ADVANCEMENTS  
IN SURGICAL, REHABILITATION AND PAIN MANAGEMENT FOR AMPUTEES THAT RECEIVE  
OSSEOINTEGRATED IMPLANTS IN THE FEMUR, TIBIA AND HUMERUS.

**13 MARCH** 8am to 5pm

**BRISBANE**

FOR ONLINE REGISTRATION, PLEASE SCAN THE QR CODE WITH YOUR SMARTPHONE OR GO TO  
THE FOLLOWING WEBSITE: [WWW.OSSEOINTEGRATIONAUSTRALIA.COM.AU/CONFERENCE-2015](http://WWW.OSSEOINTEGRATIONAUSTRALIA.COM.AU/CONFERENCE-2015)



# OSSEOINTEGRATION CONFERENCE

CONTINUED ADVANCEMENTS IN SURGICAL, REHABILITATION AND PAIN MANAGEMENT

**MARCH 13TH 2015** 8am to 5pm  
BRISBANE CONVENTION & EXHIBITION CENTRE



## A/PROF. MUNJED AL MUDERIS

SCHOOL OF MEDICINE, UNIVERSITY OF NOTRE DAME, SYDNEY, AUSTRALIA

## DR. AJAY KUMAR

CLINICAL LECTURER AT MACQUARIE UNIVERSITY, THE AUSTRALIAN SCHOOL OF ADVANCED MEDICINE  
AND MELBOURNE UNIVERSITY DEPARTMENT OF ANESTHESIOLOGY AND PAIN MANAGEMENT

## DR. HENK VAN DE MEENT

DEPARTMENT OF REHABILITATION SURGERY, RADBOD UNIVERSITY MEDICAL CENTER, NIJMEGEN, THE NETHERLANDS

## DR. JAN PAUL FRÖLKE

DEPARTMENT OF SURGERY, ORTHOPEDICS RADBOD UNIVERSITY MEDICAL CENTER, NIJMEGEN, THE NETHERLANDS

## PATIENT SELECTION & DIAGNOSTICS

- TRAUMA VS. TUMOR VS. CONGENITAL VS. VASCULAR INDICATIONS FOR OI.
- SURGICAL TECHNIQUE & IMPLANT ADVANCEMENTS:
- SINGLE-STAGE VS. TWO-STAGE SURGICAL PROCEDURES (WITH ACCELERATED REHABILITATION)
- COMBINED OI WITH ARTHROPLASTY (HIP AND KNEE) FOR THE SHORT RESIDUUM
- REHABILITATION OUTCOMES FOR OSSEOINTEGRATED PROSTHESIS COMPARED TO SOCKET PROSTHETICS FOR LOWER LIMB AMPUTEES
- PROSTHETICS AND MANAGEMENT FOR THE OSSEOINTEGRATION PATIENT
- PHYSIOTHERAPY REGIMES AND RESULTS WITH ACCELERATED PROTOCOLS
- FOLLOW-UP & COMPLICATION MANAGEMENT
- TEAM APPROACH TO PAIN MANAGEMENT IN OSSEOINTEGRATION, OBSERVATIONS AND DATA
- DUTCH-AUSTRALIAN SERIES: A CLINICAL RESULTS PRESENTATION
- OUTCOME & DATABASE
- RESULTS OF PRE AND POST-OPERATIVE DATA COLLECTION INCLUDING PHYSICAL, PSYCHOLOGICAL, SOCIAL AND FUNCTIONAL EVALUATION AS WELL AS GAIT ANALYSIS AND ENERGY EXPENDITURE RESULTS.

## PROGRAM:

CME POINTS - ALL ELIGIBLE ATTENDEES AT THE CONFERENCE MAY RECEIVE CME POINTS IF APPROVED:

RACS EDUCATIONAL CONTENT (MODULES 1 AND 2) - CME TBA

AUSTRALIAN NURSES FEDERATION -CME TBA

AUSTRALIAN ORTHOTIC PROSTHETIC ASSOCIATION - CME TBA

AUSTRALIAN PHYSIOTHERAPIST ASSOCIATION - CME TBA

NB: All presentations 15 minutes long (unless specified); All presentation are conducted in the Main Auditorium; Multimedia required is Power point presentations; Trade display available during Morning tea, Lunch and Afternoon tea breaks. Q & A time is available after each speaker.

### REGISTRATION

**7.00 - 8.00am**

Pre Function Area (Outside Auditorium)

9.30 - 9.45am

*The patient profile*

Selva Mudelier, Rehabilitation Specialist

### MODULE 1

**8.00 - 10.10am**

Auditorium

9.45 - 10:00am

*Stump Muscle development and MRI protocol*

Rudd Leijendekkers, Physiotherapist

### OSSEOINTEGRATION: HISTORY & CLINICAL

Chair: Dr. Hendrik Van de Meent

### MORNING TEA

**10.10 - 10.30am**

OPENING ADDRESS: (MINISTER OF HEALTH)

### MODULE 2

**10.30 - 10.45am**

8.15 - 8.30am

*Introduction to Osseointegration*

A/Prof Munjed Al Muderis

### PATIENT SELECTION & PAIN MANAGEMENT

Chair: A/Prof Munjed Al Muderis

8.30 - 8.45am

*Walking Ability and quality of life in Subjects with Trans-femoral Amputation: A comparison of Osseointegration with Socket Prosthesis*

Dr. Hendrick Van De Meent

10.30 - 10.45am

*Multidisciplinary clinics and patient selection*

Dr Jan Paul Frolke

8.45 - 9.00am

*Osseointegration Vs socket prosthesis:*

*Difference in Biomechanics*

Professor Brendan Burkett

10.45 - 11.00am

*Patient profile from prosthetist's perspective*

Stefan Laux - Prosthetist

9.00- 9.15am

*Osseointegration Applications*

Belinda Bosley RN

11.00 - 11.30am

*Pain management of the Osseointegration Patient*

Dr Ajay Kumar/ Dr Andrew Patterson

9.15 - 9.30am

*Psychology of the amputee*

Chris Basten, Psychologist

11.30am - 12.00pm

*The OGAAP Protocol*

Dr. Aditya Khemka

12.00am - 12.15pm

*Rehabilitation challenges*

Sarah Benson - Physiotherapist

12.15 - 12.30pm  
*The New Zealand Experience*  
Dr John McKie

12.30 - 12.45pm  
*My journey*  
Sue Main

12.45 - 1.00pm  
*My Journey too*  
Mitch Grant

**Lunch Break**  
**1.00pm - 2.00pm**

**MODULE 3**  
**2.00 - 3.00 pm**

**PERIOPERATIVE, PROSTHETIC & REHABILITATION OF THE OI PATIENT**

Chair: Dr Jan Paul Frolke

THE AFTERNOON SESSION WILL RUN 2 CONCURRENT PRACTICE PHYSIOTHERAPY AND PROSTHETIC WORKSHOPS, FEATURING 10 PREVIOUS PATIENTS FOR ATTENDEES TO PARTICIPANT WITH THE ASSISTANCE OF EXPERTS IN THEIR FIELD.

2.00 - 2.15pm  
*Post Traumatic Limb Salvage*  
Dr Kevin Tetsworth

2.15 - 2.30pm  
*Implant Design Changes*  
A/Prof Munjed Al Muderis

2.30 - 2.45pm  
*Surgical Technique Changes*  
Dr Jan Paul Frolke

2.45pm - 3.00pm  
*Development of a safety clip adaptor*  
Dr Hendrik van de Meent

**Afternoon Tea**  
**3.00 - 3.15pm**

**MODULE 4**  
**3.15 - 5.00pm**

**OSSEOINTEGRATION PATIENT MANAGEMENT**

Chair: Dr Ajay Kumar

3.15 - 3.30pm  
*Osseointegration Internationally. Australia is playing a key role?*

Laurent Frossard, Researcher  
3.30 - 3.45pm  
*The Castor data management system for Osseointegration after amputation*  
Tjarda Tromp, RN

3.45 - 4.00pm  
*Two stages Vs Single stage surgery: Are we cutting corners?*  
A/Prof Munjed Al Muderis

4.00 - 4.15pm  
*Prosthetic Management of Osseointegration*  
Barry Leech, Prosthetist

4.15 - 4.30pm  
*Cost effectiveness of Osseointegration*  
Laurent Frossard, Researcher

4.30 - 4.45pm  
*Safety of Osseointegration for trans-femoral amputee/per prosthetic fractures*  
Dr. Jean Paul Frolke

4.45 - 5.00pm  
*Interesting cases- past present and future*  
A/prof Munjed Al Muderis, Dr Jan Paul Frolke & Dr. Hendrik van de Meent

**MODULE 4**  
**3.15 - 4.15pm - P1 & P2**  
**OSSEOINTEGRATION PATIENT MANAGEMENT BREAKOUT WORKSHOPS**

3.15pm OGAP Team and Dutch Team  
*Prosthetics Management of OI PowerPoint presentation*  
60 mins interaction workshop

3.15pm Dr. Hendrik Van de Meent  
*Rehab management of OI PowerPoint presentation*  
60 mins interaction workshop

**CLOSING ADDRESS FOR THE DAY**  
**COCKTAIL FUNCTION TO FOLLOW**  
**5.00pm**

**CONFERENCE DINNER**  
**7 - 11.30pm**

