

ORTHOPAEPIC INFECTION PREVENTION SUMMIT

13–14 April, 2018
Melbourne

Infection in Orthopaedics is the crisis of our time.

This meeting aims to build awareness and consensus of best practice, and explore emerging technologies which will impact our fight to beat infection in a meaningful way.

Conference Details

13–14 April, 2018
Sofitel Melbourne
25 Collins Street
Melbourne



Keynote International Speaker



Professor Javad Parvizi
Department of Orthopedic Surgery at Jefferson Medical College, Thomas Jefferson University, Director of Clinical Research at the Rothman Institute, Jefferson, Philadelphia.

Convenor



Professor Warwick Bruce
Clinical Professor, Concord Clinical School, The University of Sydney.

Co-Convenor



Professor Peter Choong
Head of Department of Surgery and Director of Orthopaedics at St. Vincents Hospital Melbourne.



Faculty

Professor Gordon Blunn
United Kingdom

Dr Alexander Burns
Canberra

Dr David Campbell
South Australia

Professor Richard Carey Smith
Western Australia

Dr David Dewar
New South Wales

Jayant Kalpoe
The Netherlands

Dr Andrew Kemp
United Kingdom

Dr David Kirschman
United States

Dr David Liu
Queensland

Dr Cathryn Murphy
Queensland

Associate Professor Andrew Shimmin
Victoria

Professor Richard de Steiger
Victoria

Dr John Trantalis
New South Wales

Dr Richard Verheul
New South Wales

Dr Kelly Vince
New Zealand

Professor Bill Walsh
New South Wales

Dr Simon Young
New Zealand

PROGRAM
FRIDAY 13TH APRIL

10.30am: Welcome – Professor Warwick Bruce and Professor Peter Choong

SESSION ONE:
The State of Play

Chair: Professor Warwick Bruce

- Overview of Orthopaedic Infection in the USA – the Problem, Economic Cost and the Human Toll
- Orthopaedic Infections – Registry Data from the UK, NZ and Australia
- Surveillance of Infection – Definition, Practicalities and Underreporting
- The Perioperative Nurse’s Role in Ensuring an Aseptic, Safe and Efficient Operative Environment
- Surgical Site Surveillance Programs – Insights on Orthopaedics
- Reimbursement for Orthopaedic Surgical Site Infections

SESSION TWO:
Microbiology and Infection Profiling

Chair: Professor Peter Choong

- Power of Partnerships Between Infectious Disease Physicians and Surgeons
- The Post-Antibiotic Era – the Consequences and Challenges for Orthopaedic Infections
- Gram Negative Resistance – Implications for Orthopaedic Surgery
- Latest Insights from Infection Profiling Research at Key Australian Hospitals
- Prevention is Better Than Cure – Bacteria Specific Rapid Metabolic Assay

SESSION THREE:
Guidelines, Challenges and Strategies for Infection Prevention

Chair: Dr David Liu and Associate Professor Andrew Shimmin

- The Human Impact of Infection: The Patient Story
- Improving the Safety and Quality of Surgery – The Role of the Australian Safety and Quality Commission
- Overview of CDC and WHO Guidelines and Current Recommendations for Managing SSI and PJI
- Diagnosis of Infection in Orthopaedics
- Infection Prevention – Challenges and Strategies in Primary Arthroplasty, Trauma, Major Reconstruction and Upper Limb

5.30 – 7.00pm Welcome Reception

SATURDAY 14TH APRIL

7.30 – 9.00am: Industry Breakfast Symposiums

SESSION FOUR:
Management of Orthopaedic Infections

Chair: Professor Peter Choong

- Antibiotics, Oral, IV – Choosing the Best Treatment Options in Managing Orthopaedic Infections
- Technical Aspects of the Two Stage Procedure
- The Place for the One Stage Procedure and DAIR Procedure in Infection
- Pre-Operative and Intraoperative Strategies to Prevent Infection
- Emerging Strategies and Techniques in the Management of Infection

SESSION FIVE:
Emerging Technologies in Infection Prevention

Chair: Professor Warwick Bruce

- Environment of Care – Is it Time to Reassess Microbial Contamination of the Operating Room Air as a Risk Factor for the Surgical Site Infection in Total Joint Arthroplasty?
- Supplemental Operating Room Air Treatment – Maximising Outcomes Via Bioburden Reduction
- The Effect of a Novel Decontamination-Recirculation System on Viable and Total Airborne Particulates During Surgery and in the Laboratory
- Evaluation of an Automated UV-C Device (THOR) for Enhanced Disinfection of Patient Environment
- Debate: Changing Human Behaviour Rather than Investing in Technology is the Best Way to Prevent Surgical Site Infections

SESSION SIX:
Emerging Technologies in Infection Prevention (Cont.)

Chair: Professor Peter Choong

- Reduction of Surface Bacterial Counts through Use of a 5th Generation Si-Quat in Conjunction with Direct UV-C Light
- Comparative Effect on Skin Bacterial Counts of Three Surgical Skin Preparations
- Minimally Manipulated Autologous Stem Cells Sprayed onto Prosthesis – Is there an Angle for Infection Prevention?
- Reduction of Bacteria Using Photodynamic Therapy
- Precious Metals to Beat Infection. Dressing Technology
- Options in Surgical Skin Preparation and Wound Irrigation

KEYNOTE SPEECH – SUMMIT DINNER:
The Philadelphia Consensus and Current Guidelines

Chair: Professor Warwick Bruce

- The Motivations and Mechanics in Starting the Philadelphia Consensus.
- Outcomes From 2013 Consensus – Best “Bang for the Buck”?
- Plans and Desired Outcomes for the 2018 Consensus

6.30pm: Summit Dinner



REGISTRATION INFORMATION

Venue places are limited, please book early.

Register at www.taylorredimages.com.au/oips2018
or for more information, please contact oips@taylorredimages.com.au

	Early Bird before 28.02.18	Regular from 01.03.18
Surgeon	\$790	\$990
Hospital/University Employees and Other	\$590	\$790

Audience

- Orthopaedic Surgeons
- Hospital Managers
- Infection Prevention and Control Professionals
- Infectious Diseases Physicians
- Microbiologists
- Nurses

Inclusions:

Attendance at all Scientific Sessions / Lunch, Morning & Afternoon Refreshments as per the program / Symposium Collateral / Welcome Cocktail Reception (Friday evening) / Summit Dinner (Saturday evening)

