

- 1145 REGISTRATION & LUNCH
- 1230 Young Achievers Introduction  
**Sumit Raniga**
- Sponsor Presentations**  
Mathys - Roger Baumgarten  
Medartis - Chris Munford  
Newclip - Carla Stanford
- Introduction to OWL  
**Sindy Vrancic**
- 1255 President's Welcome

## **Scientific Session 1** | *Massive Rotator Cuff Tears* **Chairpersons** | *Ashish Gupta*

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- 1300 1.1 Revision RC Repair - SCR  
**Ken Cutbush**
- 1310 1.2 Just Repair the Cuff  
**Ashish Gupta**
- 1320 1.3 Tendon Transfers Work My Experience LDT - Lower Trap Transfer  
**Bassim Elhassan - International Guest Presenter**
- 1335 1.4 How Do Tendon Transfers Fail?  
**Jean Kany - International Guest Presenter**
- 1350 1.5 When Not to Do an Isolated Tendon Transfer but Combine with RSA / When Do I Convert from T Transfer to RSA  
**Philippe Valenti - International Guest Presenter**
- 1405 Discussion
- 1430 5 MINUTE MINI BREAK

## Scientific Session 2

Chairpersons | *Jeff Hughes & Ed Bateman*

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- 1435 2.1 Arthroscopic Muscle Advancement and Slide Technique to Repair Massive Posterosuperior Rotator Cuff Tears: Technique and Clinical Outcomes  
**Ashish Gupta**
- 1441 2.2 Supraspinatus and Infraspinatus Muscle Advancement in Irreparable Rotator Cuff Tears: A Cadaveric Study Quantifying the Muscle Slide  
**Rebecca Tang**
- 1447 Discussion
- 1457 2.3 Allograft Augmentation of Irreparable Supraspinatus Tendon Tears, High Graft Healing Rate With Improved Clinical Function: A Case Series Study  
**Mark Haber**
- 1500 2.4 Biceps Rerouting for Semirigid Large-to-Massive Rotator Cuff Tears  
**Seung-Min Youn**
- 1503 2.5 Capsular Reconstruction and Cuff Repair (CRACR) for Massive and Recurrent Rotator Cuff Tears  
**Ridzwan Namazie**
- 1506 Discussion
- 1516 2.6 Comparison of Clinical Outcomes Following Latissimus Dorsi Tendon Transfer Vs Lower Trapezius Tendon Transfer for the Management of Irreparable Posterosuperior Rotator Cuff Tendon Tears  
**Eugene Ek**
- 1519 2.7 Technical Guide and Tips to Anterior Arthroscopic Latissimus Dorsi Transfer for Irreparable Subscapularis Tears  
**Andrew McBride**
- 1525 Discussion
- 1535 AFTERNOON REFRESHMENTS

## Scientific Session 3 | *Massive Rotator Cuff Tears* Chairpersons | *Sindy Vrancic & Des Bokor*

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- 1600 3.1 A Randomised Controlled Trial of Autologous Tenocyte vs Corticosteroid Injection for Interstitial Rotator Cuff tear and Impingement Syndrome  
**Allan Wang**
- 1606 3.2 A Bioactive Collagen Matrix Supporting Tenocyte Growth for Augmentation of Rotator Cuff Repair  
**Minghao Zheng**
- 1612 Discussion
- 1622 3.3 High Critical Shoulder Angle Values are Associated with Full Thickness Posterosuperior Cuff Tears and Low Values with Primary Glenohumeral Osteoarthritis  
**Geoff Smith**
- 1628 3.4 A Prospective Observational Case Control Study Investigating the Coronal Plane Scapular Morphological Differences in Full Thickness Posterosuperior Cuff Tears and Primary Glenohumeral Osteoarthritis  
**Geoff Smith**
- 1634 Discussion
- 1644 3.5 Trans-Pectoral Biceps Tenodesis  
**Michael Sandow**
- 1647 3.6 Septuagenarian Massive Cuff Tear Repairs - A Good Option with a Knotless Transosseous Arthroscopic Technique in an Elderly Patient Cohort  
**Michael Sandow**
- 1650 3.7 Outcome Comparison Between Arthroscopic Repair of Full-Thickness Rotator Cuff Tear and Partial-Thickness Rotator Cuff Tear  
**Mark Haber**
- 1653 Discussion

- 1705 3.8 A Biomechanical Analysis of Various Shoulder Instability Fixation Constructs  
**Ashish Gupta & Brandon Ziegenfuss**
- 1711 3.9 Validation of Mixed Reality Technology as a Guidance System in Shoulder Arthroplasty  
**Marine Launay**
- 1714 3.10 Anterior Deltoid Muscle Reflection Using Deltopectoral Approach is Safe and Does Not Influence Outcome of Reverse Shoulder Arthroplasty  
**Kathir Stalin**
- 1717 Discussion
- 1730 5 MINUTE MINI BREAK

## Scientific Session 4

**Chairpersons** | *David Sonnabend & Allan Wang*

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- 1735 4.1 Sonnabend Award Presentation of Research  
**Geoff Smith**
- 1745 Discussion
- 1750 4.2 ICSES Congress application  
**Ezekial Tan**
- 1800 WELCOME RECEPTION | *Exhibition Area*
- 1930 FACULTY DINNER

## Industry Workshops Round 1 0630 - 0800

|            |   |
|------------|---|
| Workshop A | <b>Australian AI - Innovations in Pre-Operative Planning</b><br>Benjamin Kenny & Anders Eriksson - Precision AI<br>Mathys Orthopaedics<br>Room: Heritage 1  |
| Workshop C | <b>Advances in Technologies &amp; Techniques Across the Shoulder Continuum of Care</b><br>Ashish Gupta, Marc Hirner, Caitlin Wilcox & Mark Mottram<br>Zimmer Biomet / Device Technologies<br>Room: Heritage 3 |
| 0700       | BREAKFAST AT LEISURE  |

### Scientific Session 5 | *Shoulder Instability* Chairpersons | *Mark Ross & Brendan Soo*

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|------|-----|--|
| 0800 | 5.1 | NFL (American Football)<br><b>John Tokish - International Guest Presenter</b>    |
| 0805 | 5.2 | Gaelic Football & Hurling<br><b>Ruth Delaney - International Guest Presenter</b> |
| 0810 | 5.3 | NRL / Super Rugby (Rugby League / Union)<br><b>Allan Young</b>                   |
| 0815 | 5.4 | AFL (Australian Rules)<br><b>Justin Alexander</b>                                |
| 0820 | 5.5 | Rehabilitation Pre & Post-Op<br><b>Lyn Watson</b>                                |
| 0825 | 5.6 | Failed Laterjet<br><b>Allan Young</b>  |
| 0835 | 5.7 | Posterior Instability<br><b>John Tokish - International Guest Presenter</b>      |
| 0845 |     | Case Studies / Panel Discussion  |

## Scientific Session 6 | *Physio Session* Chairpersons | *Seamus Dalton & Wade Harper*

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- 0930 6.1 Physio Rotator Cuff and Instability Rehab  
**Karin Ginn**
- 0940 6.2 Rehabilitation for Atraumatic Shoulder Instability  
**Sarah Warby**
- 0950 Discussion
- 1000 MORNING REFRESHMENTS | *Exhibition Area*

## Scientific Session 7 Chairpersons | *Allan Young & John Trantalis*

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- 1030 7.1 Anatomical Concave Surface Area: A 3-Dimensional Method for Quantification of Instability-related Glenoid Bone Loss  
**Ashish Gupta & Marine Launay**
- 1036 7.2 What is the Most Reliable Method of Measuring Glenoid Bone Loss in Anterior Glenohumeral Instability? A Cadaveric Study Comparing Different Measurement Techniques for Glenoid Bone Loss  
**Sumit Raniga**
- 1042 Discussion
- 1055 7.3 Unicortical Fixation Does Not Compromise Bony Union in the Latarjet Procedure  
**Shivan Jassim**
- 1058 7.4 Heterotopic Ossification Under an Anterior Labroligamentous Periosteal Sleeve Avulsion Lesion Incorrectly Identified as a Fracture of the Anterior Glenoid Rim (A Bony Bankart Lesion)  
**Terry Hammond**
- 1101 Discussion
- 1106 7.5 Long-Term Clinical and Radiological Outcomes Following Arthroscopic Microfracture of the Glenohumeral Joint for Chondral Defects  
**Richard Page**

- 1112 7.6 Accuracy of Patient-Specific, Image Derived Instrumentation in Glenoid Prosthesis Positioning: A Randomised Controlled Trial in Reverse Total Shoulder Arthroplasty  
**Benjamin Brandon**
- 1118 Discussion
- 1128 7.7 Efficacy of Diagnostic Arthroscopy with Tissue Cultures in Evaluation of the Painful Shoulder Arthroplasty  
**Deepak Cheriachan**
- 1131 7.8 Cross-Linked Polyethylene in Primary, Standard Stemmed Shoulder Arthroplasty is Associated with a Lower Revision Rate Compared to Non-Cross-Linked Polyethylene: Updated Results from the AOANJRR  
**Angela Chang Alder-Price**
- 1134 7.9 A 3-Arm Randomised Clinical Trial Comparing the Efficacy of Three Regional Anaesthesia Techniques in Shoulder Arthroscopy  
**Matthew Wilkinson**
- 1137 7.10 Development of an Epineurial Substitute for Nerve Repair in Patients with Tetraplegia: A Proof of Concept Preclinical and Clinical Studies  
**Alex O'Beirne**
- 1143 Discussion
- 1200 LUNCH | *Exhibition Area*

## Scientific Session 8 | *Biomechanics of the Shoulder* Chairpersons | *Sumit Raniga*

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- 1300 8.1 Functional Instability of the Shoulder - The Shoulder Pacemaker  
**Philipp Moroder - International Guest Presenter**
- 1320 8.2 Biomechanics and Pathoanatomy of the ACJ  
**Matthias Zumstein - International Guest Presenter**
- 1340 8.3 Biomechanics of the Shoulder  
**Louis Ferreira - International Guest Presenter**
- 1400 8.4 Evolution of an Advanced In Vitro Cadaveric Shoulder Stimulator  
**Sumit Raniga**
- 1420 5 Minute Mini Break

## Scientific Session 9 Chairpersons | *Geoff Smith & Richard Page*

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- 1425 9.1 Arthroplasty in Young Patients: Analysis of 8742 patients from the Australian Orthopaedic Association National Joint Replacement Registry  
**Andrew McBride**
- 1428 9.2 Shoulder Osteoarthritis in the Young Patient. Can the Registry Tell Us What to Do?  
**Fraser Taylor**
- 1431 9.3 Clinical and Radiological Mid-Term Results of a Ceramic Stemless Hemiarthroplasty: Prospective Cohort of 59 Cases  
**Des Bokor**
- 1434 9.4 Mid-Term Outcomes of Pyrocarbon Humeral Resurfacing Hemiarthroplasty Compared to Metal Humeral Resurfacing and Metal Stemmed Hemiarthroplasty for Osteoarthritis in Young Patients: Analysis from the Australian Orthopaedic Association National Joint Replacement Registry  
**Andrew McBride**



- 1437 Discussion
- 1450 9.5 Total Shoulder Replacement Stems in Osteoarthritis - Short, Long or Reverse? An Analysis of the Impact of Cross-Linked Polyethylene  
**Michael Sandow**
- 1456 9.6 Shoulder Replacement in the Elderly; Anatomic Versus Reverse Total Prosthesis? A Prospective 2-Year Follow-Up Study  
**Simon Bell**
- 1459 9.7 Medium Term Clinical and Radiological Results of An All-Polyethylene, Pegged, Bone Ingrowth Glenoid Component  
**Matthew Evans**
- 1502 9.8 Outcomes of a Stemless Total Anatomic Shoulder Arthroplasty in Patients with Osteoarthritis and Walch Type B Glenoid  
**Simon Bell**
- 1505 Discussion
- 1520 9.9 AOA Joint Registry Report  
**Richard Page**
- 1530 AFTERNOON REFRESHMENTS | *Exhibition Area*
- 1600 AGM
- 1830 Boat Transfer to Conference Dinner
- 1900 CONFERENCE DINNER | *Taronga Zoo*

## Industry Workshops Round 2 0700 - 0830

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Workshop D     **Personalised Planning & Navigation: Three Surgeons, Three Countries, Three Perspectives**  
Moby Parsons, Pierre-Henri Flurin & Mark Robinson  
Exactech  
Room: Heritage 1

0730            BREAKFAST AT LEISURE

## Scientific Session 10 | *Reverse Total Shoulder Arthroplasty* Chairpersons | *Ed Bateman & Ben Kenny*

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- 0830 10.1    What I Do Now to Optimise a RTSA  
**Phillip Collin - International Guest Presenter**
- 0850 10.2    Technology in Shoulder Arthroplasty - Gold Standard or a Gimmick  
**Ashish Gupta**
- 0900 10.3    Navigation and Robotics in RTSA  
**Moby Parsons - International Guest Presenter**
- 0910 10.4    Advanced RTSA  
**Ed Bateman**
- 0920            Case Studies / Panel Discussion
- 0945            5 Minute Mini Break

## Scientific Session 11 Chairpersons | *Warwick Wright & Fraser Taylor*

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- 0950 11.1    Acromial Stress Fractures  
**Moby Parsons - International Guest Presenter**
- 1000 11.2    Acromial Stress Fractures Following Reverse Shoulder Replacement  
**Simon Bell**

- 1006 11.3 Acromion Fractures in Reverse Shoulder Arthroplasty - Classification and Evolution of Fixation Techniques  
**Minoo Patel**
- 1009 11.4 A Retrospective, Case Control Analysis Evaluating the Incidence and Management of Scapular Fractures Following Reverse Total Shoulder Arthroplasty  
**Minas Petrelis**
- 1015 Discussion
- 1030 MORNING REFRESHMENTS | *Exhibition Area*

## Scientific Session 12

Chairpersons | *Sarah Coll & Mark Ross*

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- 1100 12.1 Scapulothoracic Tenodesis Using Hamstring Tendon Graft  
**Ahmed Mahmoud**
- 1103 12.2 What is the Optimal Implanted Humeral Stem Version for Reverse Total Shoulder Replacement?  
**Shivan Jassim**
- 1109 12.3 Primary Inlay Reverse Shoulder Arthroplasty Has a Higher Rate of Revision Than Onlay Reverse Shoulder Arthroplasty. Analysis from the Australian Orthopaedic Association National Joint Replacement Registry  
**David Gill**
- 1115 12.4 Two-stage vs Single-stage Revision Shoulder Arthroplasty: A Comparison of Clinical Outcomes  
**Ashish Gupta**
- 1018 Discussion
- 1135 12.5 Internal Fixation Compared to Non-Operative Management of Proximal Humerus Fractures in Adults Aged 55 and Under  
**Filip Cosic**
- 1141 12.6 Computed Tomography Scanning Prior to Total Shoulder Arthroplasty: Is it Really an Inevitable Prerequisite? A Population-Level Analysis from the Australian Registry  
**Jashint Maharaj & Freek Hollman**

- 1147 12.7 Can Reverse Shoulder Arthroplasty Be a Better Solution than Anatomic Total Shoulder Arthroplasty and Hemiarthroplasty for Patients Younger than 55? A Population-Level Analysis from the Australian Registry  
**Mohammad Jomaa**
- 1150 12.8 Statistical Shape Model Reconstruction and Analysis in Reverse Shoulder Arthroplasty  
**Ashish Gupta & Nicholas Green**
- 1153 Discussion
- 1210 12.9 Unique Gene Pathways Associated with Shoulder Osteoarthritis - A Transcriptomic Analysis  
**Sam Lynskey**
- 1213 12.10 Relationship Between Cerebral Oxygen Desaturation and Mean Arterial Pressure During Shoulder Surgery in the Beach Chair Position  
**Mark Ross**
- 1219 Discussion
- 1230 LUNCH | *Exhibition Area*

## Industry Workshops Round 3 1300 - 1430

Workshop E **Leading for Change - Redefining Rotator Cuff Repair Healing Potential**  
Soong Chua, Ed Bateman & Stuart Kennedy  
Smith & Nephew  
Room: Heritage 1

FREE AFTERNOON

0730 BREAKFAST AT LEISURE

## Scientific Session 13

**Chairpersons** | *Greg Bain, Jeff Hughes & Eugene Ek*

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- 0800 13.1 Elbow Instability Classification and Management of Coronoid Process Fractures  
**Adam Watts - International Guest Presenter**
- 0815 13.2 Problems with Radial Head Arthroplasty  
**Jeff Hughes**
- 0825 13.3 New Techniques for Stabilisation of the Elbow  
**Ed Bateman**
- 0835 13.4 Hemi and Total Joint Arthroplasty in Trauma  
**Greg Bain**
- 0845 Case Discussions
- 0910 5 MINUTE MINI BREAK

## Scientific Session 14

**Chairpersons** | *Ben East & Doron Sher*

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- 0915 14.1 A Novel All-Suture Tension Band Tape Fixation Technique for Simple Olecranon Fractures Versus Conventional Tension Band Wire Fixation: A Comparative Biomechanics Study  
**Lukas Ernsbrunner**
- 0918 14.2 Glenoid Joint Line in Healthy Scapulae: A 3-Dimensional Method to Estimate the Premorbid Glenoid Joint Line from Pathological Scapulae  
**Luke Gilliland**
- 0921 14.3 The Hinged Subluxation Exposure of the Distal Humerus for Fixation of Coronal Shear Fractures of the Capitellum and Trochlea  
**Andrew Mayo**
- 0924 Discussions

- 0933 14.4 A Retrospective Review of Pyrocarbon Radial Head Replacement  
**Kevin Eng & Richard Page**
- 0936 14.5 Early Results of an Internal Joint Stabiliser for Complex Elbow Dislocations  
**Julianne Burnton**
- 0942 14.6 Total Elbow Replacement Compared to Humeral Hemiarthroplasty For Distal Humeral Fractures: Registry Analysis of 729 Patients  
**Fraser Taylor**
- 0948 Discussion
- 0957 14.7 Distal Humerus Fracture Fixation: The Paratriciptal Approach is Good Option Resulting in High Union Rates and Low Rates of HO  
**Ben East**
- 1000 14.8 Distal Biceps Tendon Repair Using a Double Intracortical Button Anatomical Footprint Repair Technique  
**Eugene Ek**
- 1003 14.9 Biomechanical Comparison of Distal Biceps Repair Techniques - Inlay Single Extra-Cortical Button Fixation Vs. Onlay Double Intra-Cortical Button Fixation  
**Lukas Ernstbrunner**
- 1006 Discussion
- 1015 MORNING REFRESHMENTS | *Exhibition Area*

## Scientific Session 15

**Chairpersons** | *Ben Cass & Michael Sandow*

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- 1045 15.1 Examining the Proximity of Nerves to Standard Elbow Arthroscopic Portals in Obese and Non-Obese Individuals: A Cadaveric Study Assessing the Potential Safety of Elbow Arthroscopy in the Obese Population  
**Richard Jamieson**
- 1048 15.2 Clinical Outcome Following Arthroscopic Proximal Radio-Ulnar Joint Releases for Forearm Rotational Stiffness  
**Xuan Ye**
- 1051 15.3 Extra-Articular Arthroscopic Release of Lateral Epicondylitis: A Prospective Study  
**Mark Robinson**

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| 1054 |      | Discussion  |
| 1104 | 15.4 | The Modified Anterolateral Approach to the Humerus<br><b>Angela Alder-Price</b>   |
| 1107 | 15.5 | The Bicipital Groove as a Landmark for Humeral Version Reference during Shoulder Arthroplasty - A CT Study of Normal Humeral Rotation<br><b>Jonathan Spencer</b>                    |
| 1110 |      | Discussion  |
| 1120 | 15.6 | Does the Osteoarthritic Shoulder Have Altered Rotator Cuff Vectors with Increasing Glenoid Deformity? An In-silico Analysis<br><b>Des Bokor</b>                                     |
| 1126 | 15.7 | Does Stress Shielding Affect Clinical Outcomes Following Primary Shoulder Arthroplasty with a Platform Exchange System?<br><b>Tamer Mettyas</b>                                     |
| 1129 | 15.8 | Intraoperative Evaluation of Joint Load Magnitudes with Shoulder Functional Postures using a Novel Humeral Trial Sensor in Reverse Total Shoulder Arthroplasty<br><b>Allan Wang</b> |
| 1135 |      | Discussion  |
| 1145 |      | Presentation of Awards  |
| 1200 |      | FAREWELL LUNCH  |