



International Society  
Of Limb Salvage



# Provisional Program

8-11 October 2024

Brisbane Convention & Exhibition Centre

Brisbane | Queensland | Australia



## Francis J. Hornicek

### President

Dear esteemed colleagues, distinguished guests, and friends of ISOLS,

The International Society of Limb Salvage (ISOLS) was established in Rochester, MN, USA, in 1981. This organisation is comprised of scientists and clinicians from around the world. It is truly multi-disciplinary and diverse in its representation and efforts. These include research, education, and the critical evaluation of our patient outcomes. I am proud to serve as President and even prouder to work with such an outstanding ISOLS Board and represent this wonderful organisation.

We hope that this message finds you, your family, and your loved ones safe and well. We are looking forward to seeing you at the General Meeting of ISOLS in Brisbane, Australia, where Professor Peter Steadman has arranged an exciting meeting. This gathering marks a significant moment in the field of limb salvage, where experts and innovators from across the globe come together to exchange knowledge, share experiences, and advance our collective mission of enhancing the quality of life for patients facing limb-threatening conditions.

I would like to extend my heartfelt appreciation to the ISOLS Board, organising committee, sponsors, and volunteers who have dedicated countless hours to make this event possible. Your efforts will ensure that this conference is a platform for excellence and a catalyst for progress.

In closing, I invite you to embrace this opportunity to expand your horizons, network with like-minded professionals, and contribute to the global mission of ISOLS. Together, we will make a difference in the lives of those who rely on our expertise.

Thank you for being a part of this remarkable gathering, and I wish you all a productive, enriching, and memorable Australia-Brisbane ISOLS Meeting in 2024.



## Peter Steadman

### Conference President

As Brisbane prepares for the 2032 Olympics, it is a great opportunity to visit Australia and Brisbane as this city is undergoing vibrant development in readiness. Just as the Olympics is the world's premier sporting event, we aim to make the ISOLS 2024 meeting the premier event in the calendar for sarcoma and musculoskeletal tumour practitioners.

In line with the Society's purpose to promote research, education, and improvements in clinical practice and care of patients with musculoskeletal tumours or undergoing limb salvage interventions, we have planned for an intellectually exciting academic and problem-focused meeting - engaging our different members from clinical, research and engineering backgrounds, whilst also embracing our international membership and diversity.

Our academic program has been formulated to bring a dynamic discussion platform to address the most modern contemporary unresolved and topical issues facing us in a rapidly changing world to help develop global consensus positions. The meeting, as always, provides an ideal opportunity for important intellectual discussion and knowledge exchange between physicians, engineers, researchers, sarcoma scientists as well as allied health and nursing faculties and also for sarcoma caregivers of all ages from all corners of the globe.

We will continue to grow the Younger Surgeon's Forum and expand the meeting to include more diversity. We will offer an orthopaedic oncology instructional course lecture program where one can hear from some of the world's most experienced surgeons, who will provide gems of practical experience in how to plan and perform difficult and challenging surgeries. Prior to start of the meeting, there will be a program for practitioners from developing countries and an opportunity to enroll separately in a world-renowned MusculoSkeletal Pathology course.

We are very excited to introduce a new paradigm for experiencing the Free Papers submitted by members. In addition to being able to attend at presentations, all free papers will be available for registrants to experience on-line at a timing of their choosing - eliminating the need to choose between one session or another. Every talk will be able to be attended in live or virtual format. We will host on-line discussion forums for papers and an opportunity for critique and interaction with a panel of distinguished professors from around the world at a breakfast meet at the start of each day.

# Scientific Program

On behalf of the Australasian Scientific Committee, I would like to extend a warm welcome to all delegates for ISOLS 2024. In constructing the scientific program we have deliberately endeavoured to engineer a program that will maximise learning opportunity and still provide for social interaction, which is the lifeblood of international collaboration and cooperation within our tightknit community. The program is designed to provide an intense series of sessions early in the day before mental fatigue sets in with earlier finishes than previous meetings to allow for social interaction. We hope that you will have ample opportunity to sample all that Brisbane has to offer during your stay. The program has been designed as a series of mini-symposia focusing on issues that we face in day-to-day tumor practice. Many have been selected as areas of ongoing controversy where we seek to help drive consensus on best practice and help to define how we communicate with each other in terms of clinical outcomes. Each mini-symposium will deliver concise insights from a diverse panel of experts selected from around the globe. We aim to make the sessions interactive and by the meeting's end we hope that we can use the ISOLS 2024 meeting as a launching platform for areas of international discussion and collaboration to advance our discipline.

Running alongside the mini-symposia there will also be free scientific papers from our membership around the world. These will be held both in a live and virtual format as outlined in the section below.

The ISOLS 2024 coincides with the annual scientific meeting of the Australia & New Zealand Sarcoma Association (ANZSA) which will be running concurrently on the final 2 days of the program. We will also be hosting a concurrent session for Nursing & Allied Health practitioners, with an opportunity for registrants to complete an accredited psychological counselling course, targeted for those working with cancer patients and their families. Another concurrent session provides a forum for our other valued community stakeholders including patients and volunteers

**Gerard Powell - ANZ Program Director**

**Val Lewis, Peter Rose, Peter Steadman - Abstract Management Committee**

## Free Scientific Papers

For the 2024 ISOLS Meeting the Scientific Secretariat has instituted a new format, designed to allow all delegates to attend all of the accepted free papers without having to move from room to room. All presenters will pre-record their talks which will be uploaded to a portal accessible to all registrants of the ISOLS 2024 meeting in advance of the commencement of the meeting.

During the course of the meeting there will be chat rooms to allow registrants to ask questions of the authors and to promote discussion. The intention is to make every free paper accessible to each registrant and to allow sufficient time for discussion of papers without constraint. The scientific secretariat will be monitoring the "chat" and selecting the papers which are generating the most interest and discussion for more in-depth review at daily "Meet the Professors" breakfast sessions which will be provided with breakfast before the start of each day's symposia on the Unsolved Questions in Sarcoma. We will have a panel of distinguished professors from around the world to give comment and drive discussion and debate at these sessions.

In addition, presenters who would also like to deliver their paper on a podium will have the opportunity to do so in the M1 lecture theatre. These sessions will run concurrently with the main auditorium symposia for those who would like to deliver / attend the free papers in this fashion

On the final day of the meeting there will be an opportunity for speakers selected by the Scientific Secretariat as the most outstanding papers to present in front of the whole meeting in the main auditorium with questions and answer opportunities before awarding prizes for the best papers

We are excited to trial this new format to allow unfettered access for delegates to all parts of the scientific program and eliminate the need to be scurrying from lecture theatre to lecture theatre to be able to attend those aspects of the program which are of most interest to delegates.

We invite you to sample some Aussie and Kiwi hospitality in Brisbane. We know that for many it is a long way to come but it will be a great opportunity to explore "Down Under" and we look forward to ensuring you have a memorable meeting and a wonderful stay.

## ANZ Faculty & ISOLS educational committee



### AUSTRALIA

Claudia Di Bella  
Dan Franks  
David Wood  
Gerard Powell  
Grant Pang  
Ian Dickinson  
Jacob Jagiello  
Lucas Annabelle  
Luke Johnson  
Mark Clayer  
Martin Lowe  
Maurice Guzman  
Paul Stalley  
Peter Choong  
Philip Rowell  
Richard Boyle  
Richard Carey-Smith  
Sarah O'Reilly-Harbridge  
Scott Sommerville  
Stewart Morrison



### AUSTRIA

Gerhard Hobusch



### CHINA

Hairong Xu



### COLUMBIA

Francisco Linares



### ECUDOR

Juan Zumarraga



### INDIA

Manish Agarwal



### ITALY

Andrea Angelini



### NEW ZEALAND

Andy Graydon  
Andy Johnston  
Gordon Beadel  
Josh Kempthorne  
Mike Flint  
Shaneel Deo



### UNITED KINGDOM

Ather Siddiqi  
Duncan Whitwell



### UNITED STATES

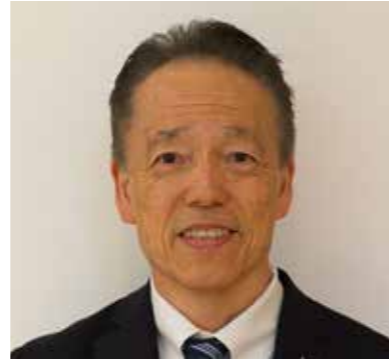
Val Lewis



Francis John Hornicek  
Position: President  
(USA)



Panayiotis Papagelopoulos  
Position: Immediate Past  
President (Greece)



Hiroyuki Tsuchiya  
Position: Past President  
(Japan)



Toshifumi Ozaki  
Position: Board Member  
(Japan)



Andreas Leithner  
Position: Board Member  
(Austria)



Valerae O. Lewis  
Position: Board Member  
(USA)



Peter Steadman  
Position: President elect  
(Australia)



Pietro Ruggieri  
Position: Secretary General  
(Italy)



Philipp Funovics  
Position: Treasurer  
(Austria)



Peter Rose  
Position: Board Member  
(USA)



Claudia Di Bella  
Position: Board Member  
(AUS)



Francisco Linares  
Position: Board Member  
(COL)



Eduardo Botello Correa  
Position: Membership  
Chair (Chile)



Han-Soo Kim  
Position: Board Member  
(Korea)



Xiaohui Niu  
Position: Board Member  
(China)



Mirko Büttner  
Position: Industry Liaison,  
Implantcast (Germany)



Christina D'Anjou  
Position: Industry Liaison,  
Stryker (USA)



ISOLS Association  
Management Company

# Venue

Brisbane Convention & Exhibition Centre is situated in the cultural and entertainment precinct of South Bank, conveniently located near the central business district. Internationally recognised as the world's best convention centre for 2016-2018, Brisbane Convention & Exhibition Centre is Australia's most awarded meetings and events venue and has hosted a collection of local and international conventions, including the 2014 G20 Summit.

Brisbane Convention & Exhibition Centre offers an inspirational learning environment in a marvelously designed space. The relaxing environment encourages open engagement for academic minds, researchers, medical innovators and social theorists.



# Social Functions

## Tuesday 8 October 2024

### Welcome Cocktail Function

Venue: Brisbane Convention & Exhibition Centre

Time: 5.30pm - 7.30pm

Dress: Business Attire

(Included in registration, select to attend when registering)

## Wednesday 9 October 2024

### Faculty Dinner

Venue: Brisbane Town Hall

Time: 6.30pm - 10.30pm

Dress: Evening Attire

(Invitation only)

## Thursday 10 October 2024

### Women of ISOLS Cocktail Party

Time: 6.00pm - 7.00pm

Venue: Brisbane Convention & Exhibition Centre

### Gala Dinner

Time: 7.00pm - midnight

Venue: Brisbane Convention & Exhibition Centre

Dress: Evening Attire

(Register to attend: Cost \$180)

# Sponsors

## Platinum



## State Host Destination



## Premier



## Key Sponsor

## Major



## Event



## Supported by



# Provisional Program

**22nd General Meeting of ISOLS  
8-11 October 2024**

**Brisbane Convention & Exhibition Centre  
Brisbane, Queensland, Australia**

**[www.isols.com](http://www.isols.com)**

**Email: [info@isols2024.org](mailto:info@isols2024.org)**



## Pre - ISOLS2024

**2024 William F. Enneking**

**Musculoskeletal Pathology Course**

**Friday – Sunday 4-6 October 2024**

**8.00am - 5.30pm      Room M1      Brisbane Convention & Education Centre**

**Faculty**      Prof Mark T. Scarborough MD, University of Florida, USA  
Dr André Spiguel MD, University of Florida, USA  
Dr Elham Nasri MD, University of Florida, USA  
Mr Gerard J. Powell FRACS, University of Melbourne, Australia  
Mr Grant Pang FRACS, Peter MacCallum Cancer Institute, Melbourne Australia  
Prof Richard Carey-Smith FRACS, University of Western Australia

### **Course Overview**

This three-day seminar is an immersion experience in basic musculoskeletal pathology, correlated with radiographic imaging and staging techniques, histologic diagnosis, and principles of treatment covering the gamut of musculoskeletal lesions.

This is the fifth time that this premier course has been offered in Australia and it represents a unique opportunity for registrars and consultants in the fields of Orthopaedics, Pathology & Radiology

Each day begins with a key presentation followed by a morning session concerning specific subjects taught by case presentation that includes microscopic study of the pertinent histologic slides and interactive computer assisted instruction.

Experienced musculoskeletal pathologists and orthopaedic surgeons are available for individual instruction throughout these sessions. Discussion cases are available for study during the session and an interactive discussion between faculty and participants focused on the treatment of the subjects under consideration concludes the session.

The afternoon session is a duplicate of the morning session; presentation of case materials, histologic slides, and computer assisted instruction of the subjects under consideration, followed by discussion of the treatment focused discussion cases.

The day concludes with an interactive discussion between participants and instructors concerning the diagnosis and management of the day's unknowns.

**Proudly supported by ISOLS Auspices and the Australia & New Zealand Sarcoma Association**

**Additional Registration & Payment is required to attend the above course**

**Registration for this course is  
separate from ISOLS 2024 registration.  
Use the QR code to register.  
Spots are limited, so don't delay if you  
wish to attend.**



# Pre - ISOLS2024

## Younger Surgeons Forum

**Attendance is exclusively for those registered as Young Fellows or Surgeons in Training for ISOLS 2024.**

### Monday 7 October 2024

12.30pm - 5.30pm Room M2 Brisbane Convention & Exhibition Centre

**Theme:** Osteosarcoma **Convenor:** Phillip Rowell

- 12.30pm - 1.45pm Osteosarcoma subtypes and how it changes my management.  
Moderator James Flint (San Diego)  
Speakers Jay Wunder (Toronto) | Yingqi Hua (Shanghai)
- 1.45pm - 2.45pm Resection planning, what imaging do I use pre and post neoadjuvant treatment. How I deal with abutment of critical structures. Does imaging chemo response change my management? What now – post critical structure abutment resection in setting of poor chemo response?  
Moderator Alysia Kemp (United States)  
Speakers Justin Bird (Texas) | Ajay Puri (India)
- 2.45pm - 3.15pm Afternoon Tea
- 3.15pm - 4.45pm Osteosarcoma difficult cases, resection and reconstruction philosophies.  
Moderator TBA  
Speakers Andre Spiguel (USA) | Lee Jeys (Birmingham),  
Mariel Spence (Argentina) | Maria Smolle (Austria)
- 4.45pm - 5.30pm Oligometastasis on presentation and recurrent osteosarcoma. Timing of metastasectomy and role of chemotherapy and resection.  
Moderator Tadala Harsha (India)  
Speakers Vivek Bhadri (Australia) | Morgan Windsor (Australia)
- 6.30pm - Late Younger Surgeons Dinner - Emporium Hotel South Bank (Invitation Only)



# Pre - ISOLS2024

## Developing Countries Educational Program

**Attendance is exclusively by invitation only.**

### Monday 7 October 2024

8.30am - 5.30pm Room M1 Brisbane Convention & Exhibition Centre

**Faculty:** David Wood, Perth Australia  
Duncan Whitwell, Oxford UK  
Ather Sidiqqi, Oxford UK  
Max Gibbons, Oxford UK  
Valerae Lewis, Houston USA

This course is linked to an online interactive open access course that includes the following topics:

1. Clinical presentation of Musculoskeletal Tumours
2. Aetiology and natural history
3. Staging
4. Principles of Biopsy
5. Principles of sarcoma surgery
6. Imaging of Musculoskeletal tumours
7. Principles of Radiation Therapy
8. Principles of Chemotherapy
9. Psychological aspects of management

The face-to-face course will cover the more complex issues in sarcoma management with an emphasis on case-based discussions.

The topics will include:

1. Amputation v Limb Salvage
2. Management of Osteosarcoma
3. Management of Cartilaginous tumours
4. Classification and management of soft tissue sarcomas
5. Pelvic resections and reconstructions
6. Infection and sarcoma
7. Sarcoma Genomics
8. Management of Ewing's sarcoma
9. Management of metastatic disease
10. Amputation or biological reconstruction, what can be achieved.
11. Soft tissue reconstruction after sarcoma surgery
12. Establishing a sarcoma service in a developing country

6.30am Registration & Exhibition Viewing

## Plenary - Scientific Symposia (Room Q2)

- 7.30am** **Meet the Professors - Best free papers interaction** (Room M1)  
Breakfast inclusive session **Moderator** - Peter Choong
- 8.30am** **Meeting Opening - Welcome** Francis Hornicek / Peter Steadman
- 9.15am** **Session 1 Functional Outcome Scoring - Time For a New Approach?**  
**Co-Chairs** Jake Jagiello / Gerard Horbusch / Val Lewis
- 10.30am** **Session 2 Chondroid Tumours - BOOM Consensus Findings**  
**Co-Chairs** Lee Jeys/ Richard Boyle
- 12.00pm** Refreshment Break
- 12.30pm** **Session 3 Consensus on Reporting Surgical Complications**  
**Co-Chairs** Scott Sommerville / Duncan Whitwell / Ather Saddiqi
- 1.45pm** **Sponsor Lunchtime Symposium - Novagenit Australia**
- 2.45pm** **Session 4 3-D Printing in Pelvic Reconstruction**  
**Co-Chairs** Richard Boyle / Panayiotis Papagelopoulos / Sarah O'Reilly-Harbidge
- 4.00pm** **Free time before Opening Ceremony**

**4.30pm Opening Ceremony**

5.30pm - 7.30pm  
Welcome Reception  
Brisbane Convention & Exhibition Centre

## Concurrent Session

Instructional Course Lectures (Room M1)

- Session 1. Chairs:** Grant Pang, Richard Carey-Smith
- 9.30am Proximal Tibial Resection / Replacement**  
Peter Ferguson, Canada
- 10.00am Reconstructing the Knee Extensor Mechanism**  
SLATME - TBC
- 10.30am Reverse Shoulder Arthroplasty for Tumour**  
André Spiguel, USA
- 11.00am Managing Megaprosthesis Joint Infection.**  
ROH, Birmingham UK
- 11.30am Rotationplasty.**  
Stewart Morisson and Lucas Annabelle, Australia
- 12.00pm** Refreshment Break
- Session 2. Chairs:** Martin Lowe / Maurice Guzman
- 12.30pm Computer Navigated Tumour Resection.**  
KC Wong, HK China
- 1.00pm Proximal Femoral Resection/Replacement.**  
Ashish Gulia, India
- 1.30pm Distal Femoral Resection/Replacement.**  
Mike Flint, New Zealand
- 2.00pm Internal Hemipelvectomy.**  
Lee Jeys, UK & Arne Streitbürger, Germany
- 2.30pm Anterior Flap Hindquarter Amputation.**  
Pietro Ruggieri, Italy

6.30am **Meet the Professors - Best abstracts interaction (Room M1)**  
Breakfast inclusive session      Moderator - Richard Boyle

## Plenary - Scientific Symposia (Room Q2)

**7.30am**      **Session 5**      **Can We Agree on Definitions of Surgical Margins?**  
Co-Chairs      Gerard Powell | Andy Johnson | Manish Agarwal | Juan Pablo Zumarraga

**8.45am**      **Session 6**      **Amputees - The Forgotten Cohort.**  
Co-Chairs      Mike Flint | Gerard Hobusch | Val Lewis | David Wood

10.00am      Morning Tea

**10.30am**      **Session 7**      **Operating at the Edge - A Journey Into The Future**  
Co-Chairs      Shaneel Deo | Claudia Di Bella | Hairong Xu | Duncan Whitwell | Ather Saddiqi

**11.45am**      **Session 8**      **Artificial Intelligence and Sarcoma Care.**  
Co-Chairs      Jake Jagiello | Maurice Guzman

**1.00pm**      **Sponsor Lunchtime Symposium - Adler Orthopaedics**

2.00pm      Free Time

## Concurrent Session

**Nurses and Allied Health Day (Room M2)**

**Faculty**      Mandy Basson | Jean Windsor | Rebecca Martin | Stacey Reed  
Alisha Franz | Laura Jane Cowdell | Natalie Karlovic

6.45am      Welcome - Light breakfast

7.00am      Sock it to Sarcoma

9.30am      Sock it to Sarcoma

11.00am      Refreshment Break

11.15am      Guest Speaker - Kate Scanlan (Stanmore) OT

11.40am      Guest Speaker - Claire Laurie (RCH) PT

12.15pm      Guest Speaker - Jean Windsor and Bec Martin (nursing)

1.00pm      Lunch

1.30pm      Guest Speaker - Shea Byrne (Stanmore) PT

1.45pm      Guest Speaker - Rachel Pola and Jessica Angus

2.00pm      Guest Speaker - OT NS from PAH Ali Franz/Sacey Reed (nursing)

2.24pm      Program Closes.

**Free Paper Podium Presentations (Room M1)**

8:15am - 12:00 pm Podium Presentations

6.30pm - 10.30pm  
Faculty Dinner  
(Invitation only)

6.30am **Meet the Professors - Best abstracts interaction (Room M1)**  
Breakfast inclusive session Moderator - Richard Carey Smith

## Plenary - Scientific Symposia (Room Q2)

Shared Session ANZSA

7.30am **Session 9 Not just little adults - current issues in Paediatric Orthopaedic oncology**  
Co-Chairs Peter Steadman | Martin Lowe | Andy Johnston | Natcha Omer

8.45am **Session 10 The role of Minimally Invasive AORIF in First line Management**  
Co-Chairs Josh Kempthorne | Ather Saddiqi | Manish Agarwal | Claudia Di Bella

10.00am Morning Tea

10.30am **Session 11 The Role of RTX in Low Grade Sarcoma**  
Co-Chairs Grant Pang | Val Lewis

11.45am **Session 12 Timing of Surgery in Ewing Sarcoma**  
Co-Chairs Stewart Morrison | Richard Carey-Smith | Andrea Angelini | Ather Sadiqi  
Juan Pablo Zumarraga

1.00pm **Sponsor Lunchtime Symposium - Implantcast**  
**"Update on Treatment Strategies Using MegaProstheses"**

2.00pm Free Time

6.00pm - 7.00pm

**Women of ISOLS Cocktail Party**  
Brisbane Convention & Exhibition Centre

7.00pm - midnight  
Gala Dinner

Brisbane Convention & Exhibition Centre

## Concurrent Sessions

M2 Room

8.45am - 12.00pm **Sarcoma Community Connection**

Convenor Sarah Cheung

Session 1

9.00am Welcome and Opening Remarks

9.15am Patient Experience

9.25am Current ANZSA sponsored Ewing Sarcoma trials

9.35am Pathology - We've Got Your Back

9.45am Surgery & Reconstruction Techniques for Ewings

9.55am Radiation Therapy Dose & Technique for Ewings

10.05am Taking Care of Carers

10.15am Morning Tea and Networking

Session 2

10.45am Choose Your Own Workshop

Option 1 - Meditation and Reflective Space.

Option 2 - Explore and Connect. An Art Psychotherapy Approach to Self-Awareness and Self-Care.

11.25am Tenosynovial Giant Cell Tumour

11.45am Closing Remarks

12.00pm Lunch

2.00pm - 5.00pm **Australia & New Zealand Sarcoma Association ASM**

**Free Paper Podium Presentations (Room M1)**

8:15am - 12:00 pm Podium Presentations



## Plenary - Scientific Symposia (Room Q2)

Shared Session ANZSA

- 7.30am**    **Session 13**    **Original Papers - Best Of , A review of the best Virtual Podium Presentations**  
Co-Chairs    Gordon Beadle | Shekhar Kumta
- 8.45am**    **Session 14**    **Bridging the Gap between Translational Research & Clinical Practice**  
Co-Chairs    David Wood | Hairong Xu
- 10.00am    Morning Tea
- 10.30am**    **Session 15**    **Cancer Registries and Sharing Data**  
Co-Chairs    Luke Johnson | Peter Rose
- 11.45am**    **Session 16**    **Personalised Precision Medicine in Modern Sarcoma Care - Time for a New Paradigm?**  
Co-Chairs    David Wood | Francisco Linares
- 1.00pm**    **Sponsor Lunchtime Symposium Boehringer - Ingelheim**
- 2.00pm**    **General assembly**
- Summary of Polls, What Have We Learned?
  - Future Directions & Strategic Plan
  - Prizes & Awards
  - AGM & Presidential Handover
  - Farewell

## Concurrent Sessions

M2 Room

1.00pm - 5.30pm    Australia & New Zealand Sarcoma Association ASM



# Session Programs

Brisbane Convention & Exhibition Centre

<b>Session 1</b>	<b>Functional Outcome Scoring – Time for a New Approach?</b> Co-Chairs Jake Jagiello / Gerard Horbusch / Val Lewis Health Economics and Quality of Life in Patients With Sarcoma Perspectives from a Patient Turned Physician	Liam Fernando-Canavan Stephanie Webster	<b>Session 9</b>	<b>Not just little adults - current issues in Paediatric Orthopaedic oncology</b> Co-Chairs: Peter Steadman / Martin Lowe TBC Growers Biological bone growth Navigation FOSTER program visitor- Fight osteosarcoma through European research	Michele Van Der Sande Bartosz Pachuta Dan Prince KC Wong Nathalie Gaspar
<b>Session 2</b>	<b>Chondroid Tumours – BOOM Consensus</b> Co-Chairs: Richard Boyle / Lee Jeys What is BOOM? Chondrosarcoma results PJI results Understanding the global perspective Future Chondrosarcoma studies Future PJI studies BOOM 2026 Case Based Panel Discussion (Walid Ebeid, Minna Laitinen & Tomas Zamora)	Lee Jeys Ajay Puri Pietro Ruggeri Eduardo Botello Matt Houdek Zeeshan Khan Keith Hoskins		Topics covered growing implants, rotationplasty, biological bone growth, paediatric resection navigation, FOSTER paediatric osteosarcoma research program	
<b>Session 3</b>	<b>Consensus on Surgical Complications Reporting</b> Co-Chairs: Scott Sommerville / Duncan Whitwell / Ather Saddiqi Toronto Update 20 Years On; Surgical Complications After Radiotherapy Septic Failure of Prostheses-antimicrobial coatings Aseptic Failure of Prostheses – osteointegration TBC Group Panel Discussion and Voting	Peter Ferguson Imran Khan Gordon Blunn Emmy Nyqvist	<b>Session 10</b>	<b>The role of Minimally Invasive AORIF in First line Management</b> Co-Chairs: Josh Kempthorne / Ather Siddiqi / Manish Agarwal / Claudia Di Bella Decision making, Nomograms, Predictive Scoring Metastatic Bone Guidelines / National Pathways Emerging Role of ILP / Electrochemotherapy The Role of ORIF in First Line Management Case Based Panel Discussion	Minna Laitinen Jonathan Stevenson Laura Campinacci Francis Lee
<b>Session 4</b>	<b>3-D Pelvic Printing</b> Co-Chairs Richard Boyle / Panayiotis Papagelopoulos		<b>Session 11</b>	<b>The Role of Radiation Therapy in Low Grade Soft Tissue Sarcoma</b> Co Chairs: Grant Pang / Valerae Lewis Radiotherapy in Low-Grade Retroperitoneal Sarcoma Radiotherapy in Low Grade Extremity Sarcoma Debate. Andrew Bishop (radiation oncologist) vs Ajay Puri (Surgeon) Case Based Panel Discussion	Mihir Shanker Andrew Bishop
<b>Session 5</b>	<b>Can We Agree on Definitions of Surgical Margins?</b> Co-Chairs Gerard Powell / Andy Johnson / Manish Agarwal / Juan Pablo Zumarraga A pathologists view of surgical margins The history of planned surgical margins Current Thoughts on Surgical Margins Accuracy of Radiology in Surgical Margins Agreeing on Margins for National Database Quality of Margins according to Tissue Type Case Based Panel Discussion	Fiona Maclean Mark Scarborough Mike Parry Thomas Lloyd Ben Miller Keisuke Ae	<b>Session 12</b>	<b>The Timing of Surgery in Ewing Sarcoma</b> Co-Chairs: Richard Carey-Smith / Stewart Morisson / Andrea Angelini Current Practice with Surgery Current Practice Chemotherapy Current Practice Radiation Therapy Panel Based Case Discussion – Future Directions?	Milton Ghosh Annie Ryan TBC
<b>Session 6</b>	<b>Amputees - The Forgotten Cohort</b> Co-Chairs: Mike Flint / Gerard Hobusch / Valerae Lewis / David Wood Microvascular and neural techniques (OI, TMR, RPNI, AMR) to complement amputation Osseointegration Techniques Mind Controlled Prosthetics Importance of Multidisciplinary Team (physiotherapist, psychologist, prosthetist) Long-term Patients & Physician discussion	Meg Rouboard  Benjamin Kyle Potter Doug Smith Princess Alexandra Hospital Richard Gorlick, Kurt Weiss Adam Deans	<b>Session 13</b>	<b>Best of the Best Free Papers</b> Co Chairs: Shekhar Kumta / Gordon Beadle / ISOLS Education Committee A review of the selected best free papers and awarding of prizes	
<b>Session 7</b>	<b>Operating at the Edge; A Journey into the Future</b> Co-Chairs: S.Deo / Claudia Di Bella / H. Xu / D. Whitwell / A. Saddiqi Advanced Imaging Techniques including Functional Stem Cell and 3-D Modelling 3D-printing Moving to Augmented Reality Improving Bone Margins – Navigation Technology to Improve Intra-op Soft Tissue Margin Robotic Sarcoma Surgery	Tom Lloyd Claudia DiBella Ather Siddiqi KC Wong Kenny Rankin John Healy	<b>Session 14</b>	<b>Translational Research – Bridging the Gap to Clinical Practice</b> Co-Chairs: David Wood / Hairong Xu Screening at-risk patients based on Kindred Sarcoma Study Hereditary Risk Data Osteosarcoma Sub-types; Therapeutic Relevance Non-pathogenic oncolytic alphavirus & therapeutic Potential for Sarcomas Rare Cancers and Equitable Access to Precision Therapies	Mandy Ballinger David Wood Yuan Gangmei
<b>Session 8</b>	<b>Artificial Intelligence and Sarcoma Care</b> Co-Chairs Jake Jagiello / Maurice Guzman Artificial Intelligence in the 21st Century Clinical Applications of AI in Orthopaedics and Surgery The Role of AI in Pathological Diagnosis Machine Learning Algorithms in Large Scale Data & Clinical Spectroscopy AI in Radiology for Sarcoma Diffusion Weighted MRI, AI and Imaging of Sarcomas	Simon Lacey Gröningen TBC Fiona Maclean Shekhar Kumta Thomas Lloyd Minh-Son To	<b>Session 15</b>	<b>Cancer Registries and Sharing Data</b> Co-Chairs: Luke Johnson / Peter Rose The Status of Data Collection in the USA The Status of Data Collection in Europe The Status of Data Collection in South America Barriers and Data Collection Equity Across the Globe Historical Data and Migration to New Systems Panel Discussion - Data Dictionaries & WHO position on Data Sharing	Ben Miller Andreas Leitner Marcus Galli Ferdiansyah Mahyudin Susie Bae
			<b>Session 16</b>	<b>Personalised Precision Medicine in Sarcoma Care – Time For A New Paradigm?</b> Co-Chairs: David Wood / Francisco Linares The OMICO Trial. Immunotherapy in Ewing Sarcoma. Advancing Precision in Sarcoma Surgery . Artificial Intelligence and Precision Oncology.	David Thomas Fernando Guimares TBC TBC

# Symposiums - Lunchtime

**Tuesday 8 October 2024**

1.45pm Novagenit Australia



**Wednesday 9 October 2024**

1.00pm Adler Orthopaedics



**Thursday 10 October 2024**

1.00pm Implantcast



**Friday 11 October 2024**

1.00pm Boehringer - Ingelheim



## Register Now



**22nd General Meeting of ISOLS**

**8-11 October 2024**

Brisbane Convention & Exhibition Centre

Brisbane, Queensland, Australia

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# Provisional Program

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