

3rd CANZ 2025

CANADA, AUSTRALIA & NEW ZEALAND

Combined Spine Society Meeting

Hamilton Island, QLD, Australia
22nd - 25th October 2025



WEDNESDAY 22ND OCTOBER

3.00 – 5.00	CANZ Registration Desk Open
5.30 – 8.30	Welcome BBQ – Beach Pavilion

THURSDAY 23RD OCTOBER

8.00	CANZ Registration Desk Open
8.45 – 9.00	CANZ Meeting – Opening remarks <ul style="list-style-type: none">- Dr Rob Kuru – SSA, CANZ Convenor- Dr John Street – CSS President- Mr David Ardern – NZOSS President
9.00 – 10.30	Free Paper Session 1 <ul style="list-style-type: none">• FP1.1 – Healthcare Utilization and the Journey of patients with TSCI after Hospital Discharge: A retrospective evaluation of 20 years of linked healthcare Data <i>Dr Michael Bond</i>• FP1.2 – Implications of Polypharmacy to Clinical Practice for Traumatic Spinal Cord Injury: A Population-based approach <i>Dr Michael Bond</i>• FP1.3 – Risk Factors for Complications in Traumatic Spinal Cord Injury: A Retrospective Analysis of a Cohort of Patients Identified from Administrative Data <i>Dr Michael Bond</i>• FP1.4 – Comparing MAC-SCI and ISNCSCI <i>Dr Ralph Stanford</i>• FP1.5 – Does the Timing of Surgical Decompression Influence the Neurological Outcome after Complete Traumatic Spinal Cord Injury? A Systematic Review and Meta-Analysis <i>Dr Hui Qing Lee</i>• FP1.6 – A scoping review of traumatic injury to the cauda equina <i>Ms Xenia Zubenko</i>• FP1.7 – Mortality rates in elderly patients with traumatic spinal cord injury in New Zealand <i>Mr Alpesh Patel</i>• FP1.8 – Outcomes of Spinal Cord Stimulation for Patients with Pain From Structural Spine Deformities <i>Dr Scott Paquette</i>• FP1.9 - Clinical Outcomes of Posterior Spinal Fusion vs Bipolar Spinal Correction for the Treatment of Scoliosis in Children with Cerebral Palsy. <i>Dr Kris Lundine</i>
10.30 – 11.00	MORNING TEA

11.00 – 11.30	CANZ Session – The Next Frontier: Surgeons Understanding and Owing the Knowledge Translation Challenge	<i>Dr Charles Fisher</i>
11.30 – 12.30	Tri-series Debate Session 1 <ul style="list-style-type: none"> • TS1.1 – Sagittal balance doesn't matter for a 1 or 2 level lumbar fusion <ul style="list-style-type: none"> ○ <i>Dr Rob Kuru (Aust.) vs Dr Albert Yee (Canada)</i> • TS1.2 – Painless footdrop should be treated surgically <ul style="list-style-type: none"> ○ <i>Dr Adrienne Kelly (Canada) vs Mr Jonathan Manson (NZ)</i> • TS1.3 – Prone lateral is superior to single position lateral surgery <ul style="list-style-type: none"> ○ <i>Dr Gordon Dandie (Aust.) vs Mr Dean Mistry (NZ)</i> 	<p style="text-align: right;"><i>AUST. V CAN.</i></p> <p style="text-align: right;"><i>CAN. V NZ</i></p> <p style="text-align: right;"><i>AUST. V NZ</i></p>
12.30 – 1.30	LUNCH	
1.30 – 3.00	CANZ Session – What is a Spine Surgeon in... <ul style="list-style-type: none"> • Canada • New Zealand • Australia 	<p style="text-align: right;"><i>Dr Scott Paquette</i></p> <p style="text-align: right;"><i>Mr David Ardern</i></p> <p style="text-align: right;"><i>Dr Kris Lundine</i></p>
3.00 – 3.30	AFTERNOON TEA	
3.30 – 5.00	Free Paper Session 2 <ul style="list-style-type: none"> • FP2.1 – A retrospective single-center review of the performance of polymer embedded biphasic calcium phosphate bone graft with submicron needle-shaped topography used standalone in Transforaminal Lumbar Interbody Fusion • FP2.2 – Fusion Rate of Biphasic Calcium Phosphate Bone Graft with Needle-Shaped Submicron Topography in Interbody Lumbar Fusion for Degenerative Disc Disease: A Single-Center Retrospective Review • FP2.3 – Patient-Specific and Regional Factors Influencing Proliferation Dynamics of Adult Human Neural Stem/Progenitor Cells from Spinal Cord Tissue • FP2.4 – Surgical Humidification (Humigard™) Reduces Bacterial Load in an Open Spine Animal Infection Model • FP2.5 – How Do Interbody Cages With A Lattice Core Influence Strain Distribution In The Adjacent Bone? A Finite Element Analysis • FP2.6 – Setting up the Australian Spine Registry (ASR) at a public hospital in Western Australia • FP2.7 – PROMs, functional testing, or wearables: Is there an optimal way to assess outcome after spine fusion surgery? • FP2.8 – Early Complication Rates of Uniportal Full-Endoscopic Lumbar Discectomy (FELD) in 539 Patients: A Multicentre Study • FP2.9 – Accelerating Learning in Uniportal Endoscopic Spine Surgery using a Structured Skills Matrix 	<p style="text-align: right;"><i>Dr Kristian Dalzell</i></p> <p style="text-align: right;"><i>Dr Kristian Dalzell</i></p> <p style="text-align: right;"><i>Dr Ryan Sandarage</i></p> <p style="text-align: right;"><i>A/Professor John Cunningham</i></p> <p style="text-align: right;"><i>A/Professor William Parr</i></p> <p style="text-align: right;"><i>Dr Farhaan Altaf</i></p> <p style="text-align: right;"><i>Mr Patrick Beaumont</i></p> <p style="text-align: right;"><i>Dr David Tredan</i></p> <p style="text-align: right;"><i>Prof Ralph Mobbs</i></p>
5.00 – 6.00	Welcome Cocktail Function – Endeavour Room (Beach Side)	



FRIDAY 24TH OCTOBER

7.00	CANZ Registration Desk Open	
8.00 – 9.45	Tri-series Debate Session 2 <ul style="list-style-type: none"> • TS2.1 – Unstable neurologically intact burst fractures should be stabilised emergently <ul style="list-style-type: none"> ○ <i>Dr Charles Fisher (Canada) vs Dr Andrew Irving (NZ)</i> • TS2.2 – ACDF v arthropasty - ACDF is still the gold standard <ul style="list-style-type: none"> ○ <i>Dr Farhaan Altaf (Aust.) vs Mr Simon Hadlow (NZ)</i> • TS2.3 – Asymptomatic myelomalacia is best treated surgically <ul style="list-style-type: none"> ○ <i>A/Professor Richard Ferch (Aust.) vs Dr Michael Bond (Canada)</i> • TS2.4 – Decompression alone is sufficient in myelopathy <ul style="list-style-type: none"> ○ <i>Dr Nicolas Dea (Canada) vs Dr Shay Mandler (NZ)</i> • TS2.5 – Carbon fibre implants improve outcomes in tumour reconstruction <ul style="list-style-type: none"> ○ <i>Prof Ralph Mobbs (Aust.) vs Dr Raphaelae Charest-Morin (Canada)</i> 	<p style="text-align: right;">CAN. V NZ</p> <p style="text-align: right;">AUST. V NZ</p> <p style="text-align: right;">AUST. V CAN.</p> <p style="text-align: right;">CAN. V NZ</p> <p style="text-align: right;">AUST. V CAN.</p>
9.45 – 10.15	MORNING TEA	
10.15 – 11.45	CANZ Session – Future Challenges in... <ul style="list-style-type: none"> • Canada • New Zealand • Australia 	<p>Dr John Street</p> <p>Mr Peter Robertson</p> <p>Dr Rob Kuru</p>
11.45 – 12.30	LUNCH	
	<i>Friday Afternoon Activities</i> - <i>Golf & Go Karting Championships</i>	

SATURDAY 25TH OCTOBER

8.00	CANZ Registration Desk Open	
7.30 – 8.30	NZOSS AGM – NZOSS Members only	
9.00 – 10.30	Free Paper Session 3 <ul style="list-style-type: none"> • FP3.1 – Towards Defining Frailty in the Metastatic Spine Population: An observational study from the Metastatic Tumor Research and Outcome Network (MTRON) • FP3.2 – Association Between Nutritional Status and Survival in Patients Requiring Treatment for Spinal Metastases • FP3.3 – Minimal clinically important differences in the Spine Oncology Study Group Outcomes Questionnaire (SOSGOQ2.0) in patients with symptomatic spinal metastases • FP3.4 – Assessing Construct Validity of Spine Adverse Events Severity System (SAVES-V2): Impact of adverse event (AE) severity grade on longitudinal patient-reported outcomes (PROMs). 	<p style="text-align: right;"><i>Dr Raphaelae Charest-Morin</i></p> <p style="text-align: right;"><i>Dr Raphaelae Charest-Morin</i></p> <p style="text-align: right;"><i>Dr Raphaelae Charest-Morin</i></p> <p style="text-align: right;"><i>Dr. Y.Raja Rampersaud</i></p>

	<ul style="list-style-type: none"> • FP3.5 – Two Decades of Cervical Disc Arthroplasty: A Single Surgeon’s Experience with PRESTIGE®, M6-C™, MOBI-C®, and ESP® Prostheses Over 20 Years • FP3.6 – Initial experience using patient-specific template guide for Cervical pedicle screw placement: A preliminary analysis on safety and accuracy • FP3.7 – Comprehensive Analysis of the Prognostic Factors Associated with Reaching Minimally Clinically Important Differences Across Degenerative Lumbar Conditions: A CSORN Study • FP3.8 – Impact Of Surgical Wait Time On Prescription Opioid Use In Patients Having Surgery For Degenerative Spinal Conditions • FP3.9 – Gait and Mobility Profiles in Healthy Individuals Versus Patients with Lumbar Spinal Pathologies 	<p><i>Prof Ralph Mobbs</i></p> <p><i>Dr Gordon Dandie</i></p> <p><i>Dr Y.Raja Rampersaud</i></p> <p><i>Dr Y.Raja Rampersaud</i></p> <p><i>Prof Ralph Mobbs</i></p>
10.30 – 11.00	MORNING TEA	
11.00 – 12.30	Free Paper Session 4	
	<ul style="list-style-type: none"> • FP4.1 – Lumbar Spinal Stenosis: Patient Outcomes And Revision Rates Following Decompression Alone Versus Decompression With Fusion, In Patients With Spinal Instability • FP4.2 – The effects of preoperative psychological health on the outcomes of lumbar discectomy for radiculopathy due to disc herniation. • FP4.3 – Comparison of presentation profiles and outcomes for a group of radicular pain patients completing a surgical or non-surgical treatment pathway • FP4.4 – The impact of overall lumbar disc degeneration burden on ODI outcomes following surgery for lumbar spinal stenosis (LSS). • FP4.5 – Influence of pars defects and pelvic parameters on the clinical outcomes of standalone ALIFs • FP4.6 – Impact of Waiting Times on Postoperative Pain Improvement and Functional Recovery in Elective Lumbar Spine Surgery: A Prospective Cohort Study • FP4.7 – The Relationships Between Segmental Lordosis, Lumbar Lordosis And Patient Reported Outcomes Are Complex And Non-Predictive In Lumbar Interbody Fusion • FP4.8 – Decompression versus decompression plus fusion for stable degenerative lumbar spondylolisthesis: comparing outcomes using propensity-score matched data • FP4.9 – Machine learning-driven clinical and imaging clustering of degenerative lumbar spondylolisthesis: Implications for stratified surgical care 	<p><i>Ms Anthea Azzi</i></p> <p><i>Ms Erin Bigney</i></p> <p><i>Dr Chris Hoffman</i></p> <p><i>Dr. Y.Raja Rampersaud</i></p> <p><i>Dr Maxime Saad</i></p> <p><i>Dr Shun Hayasaka</i></p> <p><i>A/Professor William Parr</i></p> <p><i>Dr. Y.Raja Rampersaud</i></p> <p><i>Dr. Y.Raja Rampersaud</i></p>
12.30 – 1.30	LUNCH	

1.30 – 1.50	Free Paper Session 5 <ul style="list-style-type: none"> FP5.1 – Greater engagement with preoperative education materials is associated with improved postoperative satisfaction FP5.2 – Which psychosocial measures are most strongly related to surgical outcomes in patients with degenerative pathology of the spine? 	<p>Mr Scott Bethune</p> <p>Mrs Jill Kearney</p>
1.50 – 2.20	Best Paper Session <ul style="list-style-type: none"> BP1 – Comparative analysis of biomechanical performance: Dual elasticity spine cage versus single elasticity spine cage in spinal fusion applications <ul style="list-style-type: none"> Winner SSA 2025 – Clayton Adam Award BP2 – Management and Outcomes of Central Cord Syndrome: A 5-Year Retrospective Cohort Study at Royal Perth Hospital <ul style="list-style-type: none"> Winner SSA2025 – Rob Johnston Award BP3 – Ultrasound as a tool to objectively assess the injured spinal cord in a porcine model of thoracic contusion spinal cord injury <ul style="list-style-type: none"> Winner SSA 2025 – Spinal Research Award 	<p>Ms Aurora Balding</p> <p>Dr Jason D'Silva</p> <p>A/Prof Claire Jones</p>
2.45 – 3.15	AFTERNOON TEA	
3.15 – 4.30	Tri-series Debate Session 3 <ul style="list-style-type: none"> TS3.1 – Decompression alone is sufficient for lumbar degenerative spondylolisthesis <ul style="list-style-type: none"> Dr. Y.Raja Rampersaud (Canada) vs Mr Andrew Oakley (NZ) TS3.2 – SPECT should be routinely undertaken to determine levels in degenerative surgery <ul style="list-style-type: none"> Dr Maxime Saad (Aust.) vs Mr Otis Shirley (NZ) TS3.3 – Short is better than long in adult degenerative deformity <ul style="list-style-type: none"> Dr Ralph Stanford (Aust.) vs Dr John Street (Canada) TS3.4 – MISS in not better <ul style="list-style-type: none"> A/Professor John Cunningham (Aust.) vs Dr Nicolas Dea (NZ) 	<p>CAN. V NZ</p> <p>AUST. V NZ</p> <p>AUST. V CAN.</p> <p>CAN. V NZ</p>
7.00	Gala Dinner – Hamilton Island Yacht Club	

With Special thanks to the 3rd CANZ Sponsors:

