

TRAUMA SURGERY

Co-Conveners: Ian Civil and Li Hsee

Professor Kjetil Soreide

Bergen, Norway

Kjetil Soreide completed his medical training at the University of Freiburg in Germany before returning to his home country of Norway in 2003. After completing mandatory internships to obtain full medical licence in Norway he went into a 3-year full research position funded by the Norwegian Research Council, leading to a PhD degree at the University of Bergen, Norway with the focus on clinical and molecular factor in colorectal neoplasia. Pursuing an interest in clinical medicine as well, he at the same time was involved in trauma and emergency surgery projects. At the Stavanger University Hospital he completed training in general surgery, then did a fellowship in gastrointestinal surgery before he took up the post as a consultant surgeon at the same hospital. He has pursued clinical and translational research, resulting in over 200 publications, several book chapters and numerous lectures. He has supervised or co-supervised 12 PhDs, post-docs and masters-students. In 2011, he was appointed professor at the Department of Clinical Medicine at University of Bergen, becoming the youngest professor of surgery ever appointed in Norway at the age of 34 years. From 2017/2018 he was a visiting professor and honorary consultant surgeon in the HPB unit at the Royal Infirmary of Edinburgh, pursuing further hepatobiliary and pancreatic specialization under professor James Garden. He has worked as an editor in the Journal of the Norwegian Medical Association and was one of the inaugural editors of the Scandinavian Journal of Trauma and Emergency Medicine where he was co-Editor-in-Chief for 11 years. He has been an Editor with the BJS (Br J Surg) since 2010, a position he still holds. He is married to his wife Annbjorg and they currently live with their four boys in the city of Stavanger on the west-coast of southern Norway.

MONDAY 6 MAY

- 5:00pm - 6:30pm **CONVOCATION CEREMONY AND SYME ORATION (TICKETED EVENT)**
World Ballroom A/B/C
- 6:30pm - 7:30pm **WELCOME RECEPTION (TICKETED EVENT)**
Pre-function Area (L22)

TUESDAY 7 MAY

- 7:00am - 8:20am **ROAD TRAUMA ADVISORY COMMITTEE MEETING**
Boardroom (L23)
- 8:30am - 10:00am **OPENING PLENARY SESSION
GENERALISM**
World Ballroom A/B/C
- 10:00am - 10:30am **MORNING TEA - TUESDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon **CONTEMPORARY RESUSCITATION STRATEGIES**
Lotus Suite 9
Chairs: **David Lockwood (Woolloongabba) and Kate Martin (Kensington)**

- 10:30am What are the goals of resuscitation
Ron Maier (Seattle, USA)
- 10:45am Choosing an optimal MTP
Jeremy Hsu (Westmead)
- 11:00am Code Crimson-does it work?
Li Hsee (Auckland)
- 11:15am Viscoelastic testing and its role in resuscitation
James Moore (Wellington)
- 11:30am Discussion
- 12:30pm - 1:30pm TRAUMA VERIFICATION SUBCOMMITTEE MEETING**
Boardroom (L23)
- 12:30pm - 1:30pm LUNCH - TUESDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm TIPS AND TRICKS IN HPB TRAUMA**
(Combined with: HPB Surgery)
Lotus Suite 3
Lotus Suite 4
Chairs: **Christian Macutkiewicz (Manchester, UK) and David Read (Melbourne)**
- 2:00pm Liver trauma
John McCall (Auckland)
- 2:15pm Pancreatic / Duodenal trauma
Kjetil Soreide (Bergen, Norway)
- 2:30pm Paediatric HPB trauma - special considerations
Mark Stringer (Wellington)
- 2:45pm Damage control
David Lockwood (Woolloongabba)
- 3:00pm Discussion
- 3:30pm - 4:00pm AFTERNOON TEA - TUESDAY**
Bangkok Convention Centre A2
- 4:00pm - 5:30pm MILLENNIAL STRATEGIES FOR TRAUMA EDUCATION**
Lotus Suite 9
Chairs: **Li Hsee (Auckland) and Ashish Taneja (Auckland)**
- 4:00pm When is simulation effective for trauma education
Kate Martin (Melbourne)
- 4:15pm Team training for trauma care
David Read (Melbourne)
- 4:30pm Masters of Traumatology
Zsolt Balogh (Newcastle)

- 4:45pm Trauma training in Myanmar
Kate Martin (Melbourne)
- 5:00pm ASSET
Fred Luchette (Maywood, USA)
- 5:15pm Discussion

5:30pm - 6:30pm TRAUMA QUALITY IMPROVEMENT COMMITTEE MEETING
Boardroom (L23)

WEDNESDAY 8 MAY

- 8:30am - 10:00am THORACOTOMY - WHEN AND HOW**
(Combined with: Cardiothoracic Surgery)
Lotus Suite 7
Chairs: **Ian Civil (Auckland) and Mary Langcake (Sydney)**
- 8:30am EDT
Scott D'Amours (Sydney)
- 8:45am Urgent thoracotomy in OR
Li Hsee (Auckland)
- 9:00am Is RT worthwhile in a low volume environment
Kjetil Soreide (Bergen, Norway)
- 9:15am Cardiac injuries and the General Surgeon
Narain Chitrosniramit (Chiangmai, Thailand)
- 9:30am Discussion
- 10:00am - 10:30am MORNING TEA - WEDNESDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon PLENARY SESSION**
GLOBAL HEALTH
World Ballroom B
- 12:30pm - 1:30pm LUNCH - WEDNESDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm RESEARCH PAPERS**
Lotus Suite 9
Chair **Li Hsee (Auckland)**
- 2:00pm Quad bike injuries at an Australian Regional Hospital: A Trauma Registry Review
TS001 Sean Liddle (Darwin)
- 2:10pm Computed Tomography (CT) based diagnosis as an alternative to post mortem in trauma patients
TS002 Vindya Abeysinghe (Perth)
- 2:20pm To scan or not to scan¹ in the trauma setting - a retrospective study.

Teresa Holm (Auckland)

- 2:30pm An Audit of Intercostal Catheter Insertion in a Major Trauma Hospital in New South Wales, Australia
TS003 Jovy Aura Carpio (Liverpool)
- 2:40pm The future of flail chest at Auckland City Hospital
TS004 Megan Grinlinton (Dunedin)
- 2:50pm Splenic Salvage at a Level 1 Trauma Centre - the Westmead Experience
TS005 Clare Bouffler (Sydney)

3:30pm - 4:00pm AFTERNOON TEA - WEDNESDAY
Bangkok Convention Centre A2

4:00pm - 5:30pm AMPUTATION
(Combined with: Orthopaedic Surgery, Global Health Program, Military Surgery, Pain Medicine)
Lotus Suite 7
Chairs: **Robert Rowan (Wellington) and Nigel Willis (Wellington)**

- 4:00pm Introduction
Robert Rowan (Wellington)
- 4:05pm Amputation in the developing world - the problems and the solutions
Ifereimi Waqainabete (Suva, Fiji)
- 4:20pm Key criteria for limb amputation in civilian multi trauma
Grant Christey (Hamilton)
- 4:35pm Armed conflict injuries to the extremities
John Swinnen (Sydney)
- 4:50pm Prevention of pain and post amputation pain management
Marvin Thepsoparn (Bangkok, Thailand)
- 5:05pm Osteointegration Prosthesis : The New Zealand Experience
John McKie (Christchurch)
- 5:20pm Closing remarks / questions
Robert Rowan (Wellington)

5:30pm - 6:30pm DSTC COURSE SUBCOMMITTEE MEETING
BCC Meeting Room 1

7:00pm - 10:30pm SECTION DINNER (TICKETED EVENT)
(Combined with: Orthopaedic Surgery, Medico-legal Program, Pain Medicine)

THURSDAY 9 MAY

7:00am - 8:20am TRAUMA COMMITTEE MEETING
BCC Meeting Room 1

8:30am - 10:00am PENETRATING NECK INJURIES
(Combined with: Military Surgery, Otolaryngology Head & Neck Surgery)
Lotus Suite 7
Chair: **Grant Christey (Hamilton)**

- 8:30am Critical decisions
Christopher Wakeman (Christchurch)
- 8:45am Investigative strategies
Mary Langcake (Sydney)
- 9:00am Airway issues/OHNS
David Vokes (Auckland)
- 9:15am The zoneless neck
Cino Bendinelli (Sydney)
- 9:30am Discussion
- 10:00am - 10:30am MORNING TEA - THURSDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon PLENARY SESSION
DIVERSITY**
World Ballroom B
- 12noon - 12:30pm THE PRESIDENT'S LECTURE**
World Ballroom B
- 12:30pm - 1:30pm LUNCH - THURSDAY**
Bangkok Convention Centre A2
- 1:30pm - 2:00pm KEYNOTE LECTURE**
Lotus Suite 7
Chair: **Ian Civil (Auckland)**
- 1:30pm Trauma systems in a small country - Do they work?
Professor Kjetil Soreide (Bergen, Norway)
- 1:55pm Presentation of Gordon Trinca Medal to Mr Scott D'Amours
John Batten (Launceston)
- 2:00pm - 3:30pm BLUNT AORTIC INJURY**
(Combined with: Cardiothoracic Surgery)
Lotus Suite 7
Chairs: **Scott D'Amours (Sydney) and Kate Martin (Melbourne)**
- 2:00pm Incidence and diagnosis
Ian Civil (Auckland)
- 2:15pm Is there a role for surgery
Andrew Liang (Singapore)
- 2:30pm Endoluminal approach
John Crozier (Sydney)

2:45pm Complications of stent repair
Fred Luchette (Maywood, USA)

3:00pm Discussion

3:30pm - 4:00pm AFTERNOON TEA - THURSDAY
Bangkok Convention Centre A2

4:00pm - 5:30pm PELVIC TRAUMA
(Combined with: Orthopaedic Surgery, Pain Medicine)
Lotus Suite 7
Chairs: **Cino Bendinelli (Sydney) and Jeremy Hsu (Sydney)**

4:00pm Haemorrhage control
Matthew Hope (Brisbane)

4:15pm What is the role of early surgery
Zsolt Balogh (Newcastle)

4:30pm Percutaneous screw fixation technique for pelvic acetabular fractures
Vajara Phiphobmongkol (Bangkok, Thailand)

4:45pm Visceral considerations
Narain Chitrosniramit (Chiangmai, Thailand)

5:00pm Non-union pelvic fracture management
Rahat Jarayabhand (Bangkok, Thailand)

5:15pm Discussion

5:30pm - 6:30pm RACS ANNUAL GENERAL MEETING
World Ballroom C

7:00pm - 11:30pm CONGRESS DINNER (TICKETED EVENT)
Bangkok Convention Centre B2

FRIDAY 10 MAY

8:30am - 10:00am RESEARCH PAPERS
Lotus Suite 12
Chair: **Zsolt Balogh (Newcastle)**

8:30am Comparing domestic violence related injury admissions at Port Moresby General Hospital (PMGH) of Papua New Guinea (PNG) and Hospital Nacional Guido Valadares of Timor Leste
TS006 Raimundo Dos Santos (Dili, East Timor)

8:40am The Swing Shift: Optimising Trauma Training in Australasia
TS007 Amy Hort (Sydney)

8:50am The Impact of Computed Tomography-Assessed Sarcopenia on Outcomes for Trauma Patients - A Systematic Review and Meta-Analysis
TS008 Weisi Xia (Auckland)

- 9:00am Long-Term Follow Up After Thoracic Endovascular Aortic Repair (TEVAR) For Blunt Traumatic Aortic Injury
TS009 **Thomas Lovelock (Melbourne)**
- 9:10am Prolonged Use of Temporary Intravascular Shunts in Traumatic Vascular Injuries
TS010 **Adam Tam (London, UK)**
- 9:20am Experiences with splenic embolisation at a trauma centre: A 5 year review
TS011 **Margaret Mansbridge (Gold Coast)**
- 9:30am Endovascular Repair for Traumatic Thoracic Aorta Injuries
TS012 **Varun Sharma (Liverpool)**
- 10:00am - 10:30am** **MORNING TEA - FRIDAY**
Bangkok Convention Centre A2
- 10:30am - 12noon** **PLENARY SESSION**
FUTURE HORIZON
World Ballroom B
- 12noon - 12:30pm** **THE PRESIDENT'S TOWN HALL**
World Ballroom B
- 12:30pm - 1:30pm** **LUNCH - FRIDAY**
Bangkok Convention Centre A2
- 2:00pm - 3:30pm** **JUNCTIONAL ISSUES**
Lotus Suite 12
Chairs: **John Crozier (Sydney) and Christopher Wakeman (Christchurch)**
- 2:00pm Diagnosis-early/late, left/right
Scott D'Amours (Sydney)
- 2:10pm What if missed
Ashish Taneja (Auckland)
- 2:20pm Surgical repair options
Kate Martin (Melbourne)
- 2:30pm Discussion
- 3:00pm Aetiology and presentation
David Read (Melbourne)
- 3:10pm Haemorrhage control
John Crozier (Sydney)
- 3:20pm Discussion
- 3:30pm - 4:00pm** **AFTERNOON TEA - FRIDAY**
Bangkok Convention Centre A2

POSTER ABSTRACTS

These posters may be viewed on the screens in the Exhibition area. The posters will also be available on the Virtual Congress

- TS036P** Motor vehicle accident and severe liver trauma; A case of non-operative management
Devlin Elliott (Gold Coast)
- TS038P** Prophylactic negative pressure wound therapy in closed abdominal incisions: a systematic review and meta-analysis
Cameron Wells (Auckland)
- TS025P** Delayed splenic rupture post left nephroureterectomy - A case presentation and review of management and literature
Jason Kim (Gold Coast)
- What factors influence the 30 day mortality rate of emergency abdominal laparotomies? - is there room for improvement?
Jason Kim (Gold Coast)
- TS042P** The "No Zone" Approach to the Management of Stable Penetrating Neck Injuries - Review
Zheng Andrew Zhang (Melbourne)
- TS016P** A Review of Treatment of Aortic Injuries in a Tertiary Trauma Centre in Sydney -A 20 Year retrospective review on Evolution of treatment and Outcomes
Martin Jarmin (Liverpool)
- TS028P** Early investigation and management of diverse colonic pathologies in critically ill polytrauma patients.
Selwyn Selvendran (Sydney)
- TS035P** Jetski Propulsion Causing Rectal Disruption
Tahiya Amin (Sydney)
- TS037P** Petrous Temporal Bone Fractures in a Paediatric Trauma Centre
James Leung (Melbourne)
- TS023P** Clinical audit: a path to a guideline for VTE prophylaxis in the poly-trauma patient
Anantha Narayanan (Wellington)
- TS026P** Does a first rib fracture predict significant soft tissue injuries?
Gabriella Savage (Sunshine Coast)
- TS024P** Comparing Outcomes of Emergency Laparostomy versus Laparotomy for Major Traumas at the Royal Melbourne Hospital: A Retrospective Comparative Study
Jenny Huynh (Reservoir)
- Penetrating Neck Trauma from a Chainsaw
Jonathan Stevenson (Wellington)
- TS021P** Beware of household remedies. You may get burned!
Chen Bing Marcus Sng (Craigieburn)
- TS034P** Imaging in the diagnosis of thoracoabdominal penetrating injuries
Goutham Sivasuthan (Fitzgibbon)
- TS030P** Epidemiology of penetrating thoracoabdominal trauma
Goutham Sivasuthan (Fitzgibbon)
- TS039P** Selective Non-Operative Management of Thoracic Gunshot Wounds
Andrew Hattam (Belmont)
- TS045P** Trauma laparotomies at the Royal Hobart Hospital: A review
Elizabeth STUDLEY (Hobart)
- TS033P** Grey and White Matter Health after Mild Traumatic Brain Injury
Sharon Jay (Dunedin)
- TS048P** Traumatic Urological Injuries - 10-Year Experience from a Tertiary Trauma Unit

Sheliyan RAVEENTHIRAN (Brisbane)

- TS018P** An evaluation of the use of a two-tier trauma team activation system to improve time to CT in blunt trauma.
Joel D'souza (Christchurch)
- TS014P** A case of recurrent, self-inflicted abdominal stab wounds using scissors
Joshua Phillips (Brisbane City)
- TS046P** Traumatic dissection of the coeliac artery and splenic injury following blunt trauma
Maruthi Narra (Launceston)
- TS022P** Bleeding adrenal injury secondary to blunt trauma
Creski GILONG
- TS050P** Validation of RASI in Trauma
Parul Garg (Yagoona)
- TS044P** Time to Craniotomy matters in trauma patients
Cedric Ng Liet Hing (Varsity Lakes)
- TS029P** Emergency VATS for Trauma in Regional QLD
Jining Dai (Molendiner)
- TS032P** Factors affecting timing of laparotomy in stable trauma patients and their outcomes
Cedric Ng Liet Hing (Varsity Lakes)
- TS040P** Squid Pro Quo: A case report
Adam Lawless (Swanbourne)
- TS041P** Suction or Off Suction- A review of Intercostal Catheter management for pneumothorax.
Brendan Winkle
- TS031P** Evolution of Splenic trauma management in a level 1 trauma centre
Joan Lee (Annerley)
- TS020P** Audit of major trauma patients developing venous thromboembolism despite protocolized chemical thromboprophylaxis
Shrenik Hegde (Glenhaven)
- TS015P** A rare case of traumatic globe dislocation into the ethmoid sinus
Ella DARVENIZA (Centennial Park)
- TS043P** The Pedicled Groin Flap for High Voltage Electrical Burns: A Literature Review and Case Report
Nam Kyu Yang (Cherrybrook)
- TS017P** A Single Major-Centre: Decade Experience With Renal Trauma
Mary TEOH (Perth)
- TS047P** Traumatic Renal Pseudoaneurysm: A Major Trauma-Centre Ten-Year Experience
Mary TEOH (Perth)
- TS049P** Updates in the management of blunt abdominal trauma
Yeo Min Cho (Melbourne)
- TS027P** Drone collision - A novel trauma case resulting in a complex workplace hand injury
Hardip Chahal (Griffith)
- TS013P** "Double Whammy: Case report of Traumatic Haemobilia with arterio-portovenous fistula"
Ji Yeon SON (Waterloo)
- TS019P** An unusual defect - traumatic abdominal wall hernias
Tasmea SEFA (Sydney)