



Royal Perth
Hospital



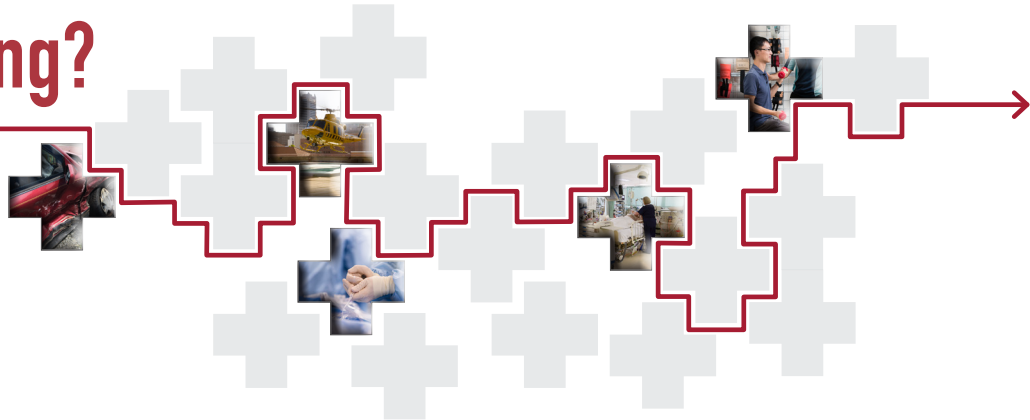
PARAMEDICS
AUSTRALASIA

2019 WA State Trauma Symposium

Royal Perth Hospital Trauma Service and
Paramedics Australasia (WA) present:

Trauma Care: A Maze or Amazing?

A multidisciplinary
trauma symposium
with optional half day
workshop sessions.



Planned events	Date and time
Workshop sessions (half day)	Friday 29 November 1:30 – 5:00pm
Trauma symposium	Saturday 30 November 08:00am – 5:00pm, (with registration open from 7.30am) Sunday 1 December 08:30am – 1:00pm
Gala Dinner	Saturday 30 November 7:00pm – Midnight

Keynote speakers



Professor Martin Schreiber
Division Head of Trauma,
Critical Care and Acute Care
Surgery, Oregon Health
and Science University



Mr Chris Wakeman
Consultant General Surgeon,
Christchurch Hospital
Co-Chair Christchurch Hospital
Trauma Committee



Professor Paul Parizel
David Hartley Chair of
Radiology, at the University
of Western Australia Medical
School & Royal Perth Hospital



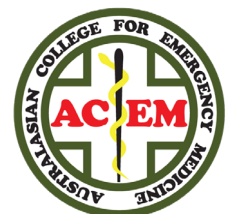
Guest speakers

Inspector John Haynes, (rtd) State Protection Unit, New South Wales Police Force

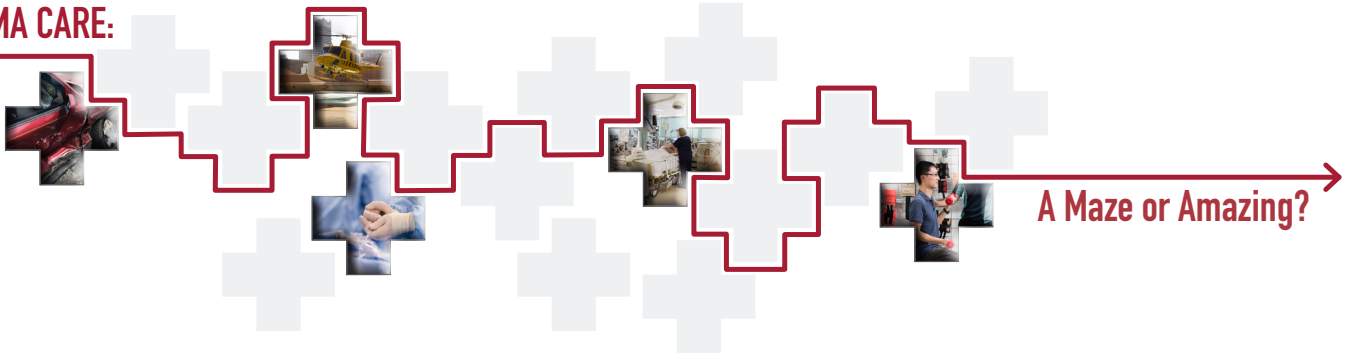
Ms Michelle Fyfe, Chief Executive Officer, St John Ambulance WA

Lieutenant Colonel Amanda Williamson, Australian Defence Force

Professor Steve Dunjey, Royal Perth Hospital / St John of God Murdoch



TRAUMA CARE:



2019 WA State Trauma Symposium

Saturday 30 November

07:30 - 08:00 Registration

08:00 – 08:10	Welcome to country	Mr Walter McGuire , Nyungar Elder
08:10 – 08:20	Official opening	Hon Roger Cook , Deputy Premier; Minister for Health; Mental Health
08:20 – 08:25	Housekeeping	Ms Maxine Burrell , State Trauma Programme Manager, Royal Perth Hospital

Session 1

Amazing Care/New Innovations and Ideas

Plenary

08:25 – 08:55	Stem Cells in Trauma, The beginning of a New Era	Professor Martin Schreiber , Division Head of Trauma, Critical Care & Acute Care Surgery. Oregon Health & Science University
08:55 – 09:25	Patient Management – Christchurch Shooting	Dr Chris Wakeman , Consultant General Surgeon Christchurch Hospital Co-Chair Christchurch Hospital Trauma Committee
09:25 – 09:55	From AI to AC: how artificial intelligence (AI) can help us to provide amazing care (AC) to trauma patients	Professor Paul Parizel David Hartley Chair of Radiology, RPH & UWA, Perth
09:55 – 10:10	Question time	

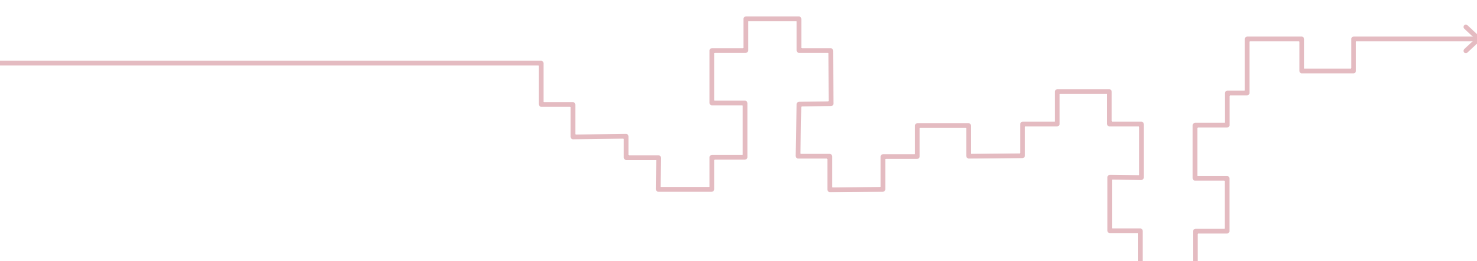
10:10 - 10:40 Morning tea and trade interaction

Session 2A

Neuro Trauma

Ballroom A

10:40 – 11:00	Living with spinal trauma	Mr Matt Naysmith , Injury Prevention Presenter, PBF Australia
11:00 – 11:20	Intravesical Glycosaminoglycan Instillation and Urinary Tract Infection in Acute Spinal Cord Injury	Dr Sarah Dunlop , Winthrop Research Professor & NHMRC Senior Research Fellow at the University of Western Australia
11:20 – 11:40	Closed reduction of cervical facet dislocations – a new take on an old technique	Dr Delmar Badenhorst , Orthopaedic Surgeon (Spinal Fellowship) Royal Perth Hospital
11:40 – 12:00	Current management of brain trauma	Dr Stephen Honeybul , State Director of Neurosurgery Western Australia
12:00 – 12:20	Quantitative imaging biomarkers, artificial intelligence and structured reporting in (mild) traumatic brain injury patients	Professor Paul Parizel , David Hartley Chair of Radiology, University of Western Australia & Royal Perth Hospital
12:20 – 12:30	Question time	



Session 2B

Bits and Bobs of Critical Care

Ballroom B

10:40 – 11:00	Remember when we used to put collars on everybody?	Associate Professor Paul Bailey , Medical Director, St John Ambulance WA Director - Emergency Medicine, St John of God Hospital Murdoch
11:00 – 11:20	Traumatic Cardiac Arrest	Dr Sudhakar Rao , State Trauma Director and Director of Trauma/Consultant General Surgeon Royal Perth Hospital
11:20 – 11:40	ICU – Complications faced post resuscitation	Dr Andy Chapman , Intensive Care Specialist, Department of Intensive Care Medicine, Royal Perth Hospital
11:40 – 12:00	Chest Injury Management	Dr Christine Grobler , Consultant Anaesthetist & Clinical Lead Trauma Anaesthesia Royal Perth Hospital Chair WA ANZCA Regional Committee, Clinical Lecturer, University of Western Australia
12:00 – 12:20	Rib Fracture Stabilization – The Road Less Travelled!	Dr Sana Nasim , Consultant General Surgeon & State Major Trauma Unit, Royal Perth Hospital
12:20 – 12:30	Question time	

12:30 - 13:30 Lunch, trade interaction and poster presentations

Session 3A

Challenges

Ballroom A

13:30 – 13:45	Drug and Alcohol	Dr David McCutcheon , Consultant – Emergency Department, Royal Perth Hospital
13:45 – 14:00	Tyranny of distance	Dr Justin Yeung , Head of Department / Clinical Director, Emergency Telehealth Service – WA Country Health Service
14:00 – 14:15	Does ATLS beyond the major trauma centre work?	Dr Jenny Vance , Consultant – Emergency Department, Royal Perth Hospital/Karratha Health Campus
14:15 – 14:30	Obstetric Trauma	Professor Steve Dunjey , Emergency Physician, Royal Perth Hospital/ St John of God Murdoch
14:30 – 14:45	Organ Donation	Ms Melissa Smith , Clinical Nurse Manager, DonateLife WA
14:45 – 15:00	Question time	

Session 3B

How I do it

Ballroom B

13:30 – 13:45	Complex discharge planning and creating a “ <i>super summary</i> ”	Ms Sheryl Jonescu , Trauma Case Manger, State Major Trauma Unit, Royal Perth Hospital
13:45 – 14:00	Airway management in the field	Mr James Vine , Critical Care Paramedic, St John Ambulance WA
14:00 – 14:15	Helicopter winch rescue	Ms Madelyn Coertzen , Critical Care Paramedic, St John Ambulance WA
14:15 – 14:30	Management of the dying trauma patient	Ms Beth Allison , Clinical Nurse and Ms Lola Sikora , Clinical Nurse, State Major Trauma Unit, Royal Perth Hospital
14:30 – 14:45	Trauma Critical Care – Bridging the Gap	Dr Andrew Challen , Retrieval Doctor and Specialist Anaesthetist Royal Flying Doctors Service (WA)
14:45 – 15:00	Questions	

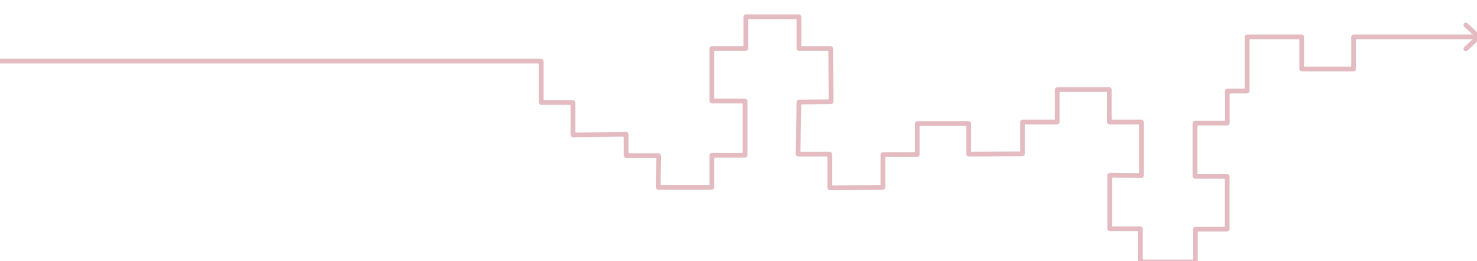
15:00 - 15:30 Afternoon tea and trade interaction

Session 4A

The psychology of trauma

Ballroom A

15:30 – 16:00	Trauma PTSD on the front line and post traumatic growth	Inspector John Haynes (rtd) State Protection Unit, New South Wales Police Force
16:00 – 16:15	Identifying and assessing risk	Ms Ellen Maurer , Clinical Nurse, State Major Trauma Unit, Royal Perth Hospital
16:15 – 16:30	Beyond the resus room Life after a Catastrophic Injury in a Car Crash	Maria Draman , Senior Care Service Provider, Insurance Commission of WA
16:30 – 16:45	Post incident staff care/management	Dr Jessica Tearne , Clinical Psychologist, State Major Trauma Unit, Royal Perth Hospital
16:45 – 17:00	Question time	



15:30 – 16:00	A Multicentre Trial on Vena Cava Filters in Severely Injured Patients: Results and the Future	Dr Kwok M. Ho , Intensive Care Specialist, Department of Intensive Care Medicine, Royal Perth Hospital
16:00 – 16:15	Identifying injury in post-mortem CT	Dr Tonya Halliday , Consultant Radiologist, Royal Perth Hospital
16:15 – 16:30	Managing patients with complex mental health and medical diagnoses: attitudes, knowledge, and self-efficacy	Dr Jessica Tearne , Clinical Psychologist, State Major Trauma Unit, Royal Perth Hospital
16:30 – 16:45	Dysphagia and respiratory complications in older patients with acute cervical spine injury: Association with delirium and inpatient length of stay	Ms Katy Calverley , Speech Pathologist, Royal Perth Hospital
16:45 – 17:00	Characteristics of Non-Survivable Deaths Secondary to Severe Traumatic Brain Injury	Dr Kirsten Biddle , Service Registrar, State Major Trauma Unit, Royal Perth Hospital

Sunday 1 December

08:30 – 08:50	Large scale trauma management within Western Australia	Ms Michelle Fyfe , Chief Executive Officer, St John Ambulance WA
08:50 – 09:10	Adapting international best practice to develop the Australian approach to high threat medicine	Matt Pepper , Special Operations/ Intensive Care Paramedic Special Operations unit, NSW Ambulance
09:10 – 09:25	Working in the warm zone	Mr Deon Brink , Director Ambulance Operations, St John Ambulance WA
09:25 – 09:45	Trauma leadership and crisis resource management	Ms Amanda Williamson , Superintendent, State Wide Operational Response Division, Department of Fire and Emergency Services
09:45 – 10:00	Question time	

10:00 - 10:30 Morning Tea and trade interaction

Session 2

A Maze or Amazing?

Plenary

10:30 – 10:50	My journey - patient experience	Mr Rodney Tan and Chaplain Ken Devereux , Pastoral Care Services, Royal Perth Hospital
10:50 – 11:10	TBC	Professor Martin Schreiber , Division Head of Trauma, Critical Care & Acute Care Surgery. Oregon Health & Science University
11:10 – 11:30	TBC	Professor Steve Dunjey , Emergency Physician, Royal Perth Hospital/ St John of God Murdoch

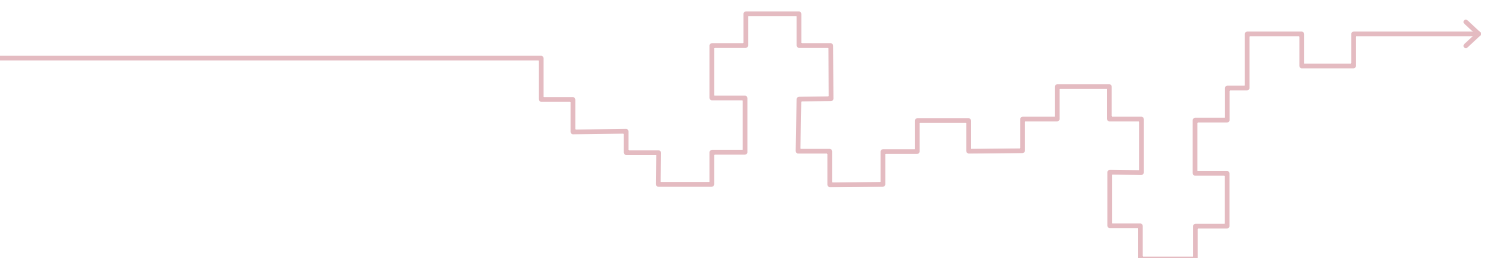
Session 3

Panel discussion

Plenary

Mr Rodney Tan, Chaplain Ken Devereux, Professor Martin Schreiber, Professor Steve Dunjey, Dr Sudhakar Rao, Dr Chris Wakeman, Professor Paul Parizel

11:35 – 12:15	Panel discussion
12:15 – 12:20	Closing address
12:45	RAC Rescue Helicopter (TBC)



Optional Pre-symposium Workshop Sessions

The WA State Trauma Symposium 2019 is pleased to offer five optional pre-conference workshops to delegates.

Workshop 1: Pain – Multidisciplinary workshop

Evidence-based approached to acute and chronic pain

This multidisciplinary workshop will present information on management of acute and chronic pain from the perspective of physiotherapy, clinical psychology and anaesthetics. Featuring clinicians from Royal Perth Hospital's Multidisciplinary Pain Management Centre, information will be provided on the biopsychosocial model of pain, key factors to consider in the assessment of acute and chronic pain, and current evidence-based practice for pain management.

Workshop 2: Disaster scenario workshop

Registrants will participate in a three hour multi-agency, mass casualty management emergo-train exercise, facilitated by Royal Perth Hospital's Emergency Management Unit in partnership with EMERG Consulting. This will be completed in conjunction with the Department of Health's Disaster Preparedness and Management Unit and other senior instructors.



The interactive workshop will provide an overview of the context and structured approach to planning, response, definitive care and recovery phases of major incidents. In addition, participants will workshop key clinical roles and practical elements such as triage and communication.

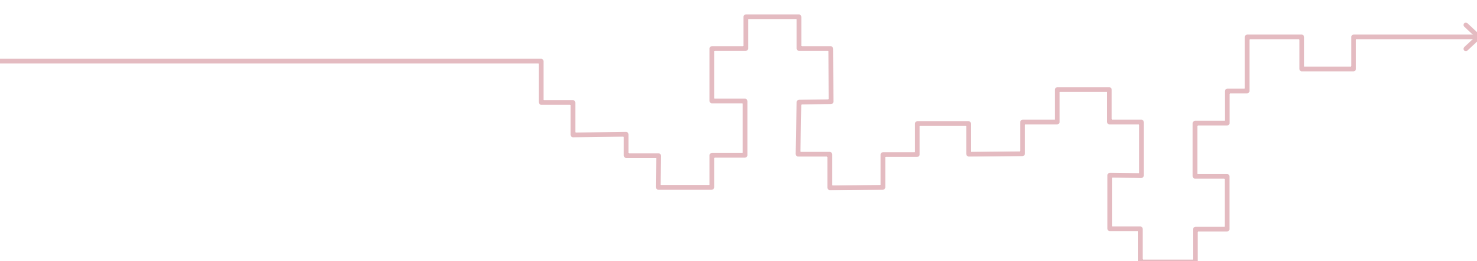
In order to appreciate the team concept and provide insight into the challenges of a disaster situation, participants will be allocated into roles they may or may not normally perform. It is envisaged that registrants will change roles at least once during the exercise.

Workshop 3 Part 1: Emergency Airway Management

This multidisciplinary team-focused interactive 90 minute workshop aims to provide an overview of the tips and skills essential to recognise and deal with difficult and failed airways. This workshop will focus on assessment and decisionmaking, utilising systematic rescue strategies and devices. Registrants will be exposed to a range of patient scenarios and given guidance on the appropriate devices and techniques required to manage these clinical challenges.

Workshop 3 Part 2: Resuscitation and Damage control

This multidisciplinary 90 minute workshop will explore the concepts of the initial Emergency Department phase of damage control resuscitation in a severely injured patient. This workshop will focus on key decision making approaches and techniques, which aim to avoid exacerbation of the lethal triad of hypothermia, coagulopathy and acidosis, or excessively stimulate the immune-inflammatory response.



Workshop 4: Non-technical skills workshop

This workshop will explore the elements of error management using actual adverse events in the acute care setting by employing the principles of Threat and Error Management. Error is defined as a generic term to encompass all occasions where a planned sequence of mental or physical activities fails to achieve its intended outcome, and when these failures cannot be attributed to the intervention of some chance agency (Reason 1990). We are human and are not immune to errors and mistakes. However, we can be in front of errors and be more proactive in this area of Human Performance as opposed to being reactive. The classification of errors, mistakes and violations (Dekker and Reason) can assist us to understand why we do fall short on occasion, this coupled with a thorough understanding of Human Factors/Crisis Resource Management principles can put us way in front of errors and reduce their occurrence.

Workshop 5: Imaging of acute traumatic brain injury: a pattern-based approach

This workshop provides an overview of neuroimaging techniques, which constitute an essential part of the diagnostic work-up of patients with traumatic brain injury (TBI). A pattern-based approach will be provided to understand craniocerebral traumatic lesions, involving the scalp, skull, extra-axial (epidural, subdural, subarachnoid) and intra-axial (brain, brainstem and cerebellum) compartments. During the workshop, participants will have the opportunity to brush up on the core concepts of brain injury and progress to more advanced models and techniques; moving from primary injuries to secondary injuries and late sequelae. Emphasis will be placed on imaging findings which determine patient management and influence clinical course. In summary, technical advances in neuroimaging have significantly improved our understanding of the pathophysiology of craniocerebral trauma and allow us to detect abnormalities, even when routine imaging studies appear normal.

Friday 29 November 2019

12:45 - 13:30 Registration

13:30 – 15:00	15:00 – 15:30 Afternoon Tea	15:30 – 17:00	Workshop Cost
Disaster scenario (part 1)		Disaster scenario (part 2)	\$75.00
Pain: Multidisciplinary (part 1)		Pain: Multidisciplinary (part 2)	\$75.00
Non-Technical Skills Presenter: Mr Tony Lock			\$40.00
		Imaging of acute traumatic brain injury: a pattern recognition approach Presenter: Mr Paul M. Parizel, MD, PhD, FRANZCR	\$40.00
Emergency Airway Management		Resuscitation and Damage Control	\$75.00
Resuscitation and Damage Control		Emergency Airway Management	\$75.00

Trauma Symposium Social Events

Welcome reception

Friday, 29 November, 5.30 - 7.30pm, \$30.00

Drinks and canapes provided in the Duxton Hotel's Front Bar, come and meet the speakers and fellow delegates.

Conference dinner “A Touch of Red”

Saturday 30th November, 7.00pm – midnight, \$85

Relax and unwind with your conference colleagues at the gala dinner. Enjoy a sumptuous 3 course meal with fine West Australian beverages. Then put on your dancing shoes for “Sharp Dressed Men”, a local rock ‘n’ roll cover band. Song choice can be influenced by you! Each ticket includes the option to request a song.