

6th - 9th December
Royal Geographical Society



www.londontraumaconference.co.uk

Approved for 24 CPD points by Royal College of Surgeons of Edinburgh (6 points are available per conference day)

Conference Information

About the 2022 Conference

The conference will incorporate the most successful elements of the previous meetings as well as a fantastic Faculty to present on the key issues in Cardiac Arrest, Trauma and Pre-hospital Care.

As a result of feedback, we are expanding the established formula of short presentations and keynote lectures with debates and 'thoughts on' sessions to allow experts to really reveal their thoughts on difficult areas.

Conference Programme by day: Tuesday 6th December

Cardiac Arrest Symposium

Brought to you in association with ZOLL
(For the LCAS schedule please see separate programme)



Wednesday 7th December

Pre-hospital Care Conference

Brought to you in association with corpuls & Weinmann UK



Delivered in collaboration with the Norwegian Air Ambulance Foundation



Thursday 8th December

Trauma Conference (Day 1)

Brought to you in association with Philips



Friday 9th December

Trauma Conference (Day 2)

Brought to you in association with BHA medical



Wednesday 7th December 2022

Pre-hospital Critical Care Day

Ondaatje Theatre (Main Lecture Theatre)

Brought to you in association with corpuls & Weinmann UK

Delivered in collaboration with the Norwegian Air Ambulance Foundation



09.00 - 09.10 Introduction

09.10 - 09.35 A national prehospital ECMO trial for cardiac arrest

Dr Dinis dos Reis Miranda

Q1: What is the background to the intervention?

Q2: How did we design our trial?

Q3: What are the practicalities of delivery?

09.35 - 10.00 Prehospital transport of neonates and babies by HEMS crew

Dr Jostein Hagemo

Q1: How difficult is it?

Q2: HEMS crew with training vs dedicated neonatal teams

Q3: How do we measure safety and effectiveness?

10.00 - 10.25 Advanced Paramedic Roles

Erica Ley

Q1: Why so many labels and what do they currently deliver

Q2: What are the challenges?

Q3: What are the international role models for the future?

10.25 - 11.00 Pre-hospital training: An Australian perspective

Dr Neel Bhandari

Q1: Principles of good selection

Q2: Experience vs Training

Q3: Assessing competence on the job

11.00 - 11.30 Coffee Break

11.30 - 12.00 Vehicle Extrication

Dr Tim Nutbeam

Q1: What are the current principles?

Q2: What are the challenges?

Q3: What needs to change?

12.00 - 12.30 Road Traffic Collisions – The Pre-hospital Scene

Dr Ben Swift

Q1: How do we describe the sequence of events during a pedestrian vs vehicle road traffic collision?

Q2: What can you identify to help "read" a scene?

Q3: What common injury patterns might you anticipate finding?

12.30 - 13.00 UAVs in Pre-hospital Care

Col Paul Parker

Q1: What can current UAV technology deliver?

Q2: What are the applications being trialled?

Q3: What might the future hold?

13.00 - 14.00 Lunch Break

14.00 - 14.25 Avalanche and cold injury

Dr Peter Paal

Q1: What are the features of avalanche injuries?

Q2: What is the prognosis?

Q3: Managing multiple avalanche casualties?

14.25 - 14.50 Stroke Management – delivering the optimal treatment pathway

Professor Else Charlotte Sandset

Q1: The current picture

Q2: What would the best pathway look like?

Q3: Thrombolysis vs thrombectomy?

14.50 - 15.30 The Peter Baskett Lecture: Lessons for the next pandemic

Dr Kevin Fong

15.30 - 16.00 Coffee Break

16.00 - 16.30 Triage – challenging old concepts

Dr Phil Cowburn

Q1: How have we always done it?

Q2: The lessons learned

Q3: How can it be improved?

16.30 - 17.00 Delivering post major incident support – the Australian experience

A/Professor Andrew Pearce

Q1: What is the role of aeromedical services?

Q2: What can be delivered ?

Q3: How is coordination best conducted?

17.00 - 17.30 Paediatric major incidents: preparing for the unthinkable

Professor Jeffrey Upperman (Live Presentation delivered Virtually)

Q1: What type of incidents are most likely?

Q2: Lessons from real incidents

Q3: Can adult services deliver for older children?

17.30 Close

Conference Programme

Thursday 8th December 2022



Trauma Day 1

Ondaatje Theatre (Main Lecture Theatre)

Brought to you in association with Philips



09.00 - 09.10 **Introduction**

MAJOR INCIDENTS

09.10 - 09.35 **Major Incidents: Active shooter in your hospital**

Professor Kenji Inaba

Q1: Has it happened?

Q2: Challenges in response

Q3: How can we prepare

09.35 - 10.00 **Blast injury**

Dr Emrys Kirkman

Q1: How does it kill?

Q2: Initial management

Q3: Lessons from the military

10.00 - 10.25 **The Manchester Arena Incident**

Dr Phil Cowburn

Q1: Reflections 5 years on

Q2: The inquiry

Q3: Lessons learned

10.25 - 11.00 **Supporting Emergency Responders - Health and Wellbeing**

Dr Marie-Louise Sharp

Q1: How do incidents affect responders?

Q2: What support is most commonly provided?

Q3: What is better practice and where are the gaps?

11.00 - 11.25 **Coffee Break**

11.25 - 11.50 **The trauma handover**

A/Professor Andrew Pearce

Q1: How is it defined?

Q2: How is it best delivered?

Q3: How can we measure effectiveness?

11.50 - 12.20 **Blood and blood products in pre-hospital trauma practice**

Mr Ross Davenport

Q1: What is current state of play?

Q2: What new evidence is available?

Q3: What is best practice?

12.20 - 13.00 **KEYNOTE ADDRESS: Spinal Cord Injury**
Professor Jocelyne Bloch and Professor Gregoire Courtine

13.00 - 14.00 **Lunch Break**

14.00 - 14.30 **The pathophysiology of traumatic brain injury**

Professor Mark Wilson

Q1: Mechanisms of injury

Q2: Brain injury types

Q3: Effects of injury

14.30 - 15.00 **Orthopaedic decision making in polytrauma**

Mr Peter Bates

Q1: The orthopaedic surgeon trauma team role

Q2: Making a plan for multiple fractures

Q3: What needs to be done and when?

15.00 - 15.30 **Thoughts of a War Doctor**
Mr David Nott, The David Nott Foundation

15.30 - 16.00 **Coffee Break**

16.00 - 16.30 **Making difficult decisions that matter**

Dr Sabrina Cohen-Hatton

Q1: What factors influence decisions under

Q2: Can we train to be better?

Q3: What system change is necessary to improve?

16.30 - 17.00 **ED management of Gun related Trauma**
A/Professor Zaff Qasim

17.00 - 17.30 **How can trauma research deliver on the gaps in trauma care?**

Professor Karim Brohi

17.30 **Close**

Friday 9th December 2022



Trauma Day 2

Ondaatje Theatre (Main Lecture Theatre)

Brought to you in association with BHA medical



09.00 - 09.10 **Introduction**

09.10 - 09.35 **Stem cells in head injury**

Mr Aminul Ahmed

Q1: Stem cell use in neurological disease

Q2: Pre-clinical studies in TBI – my own experience

Q3: Translation to the clinic

09.35 - 10.00 **Maintaining brain perfusion in trauma patients**

Dr Robbie Lendrum

Q1: Pathophysiology of hypovolaemic shock

Q2: The challenges of maintaining perfusion

Q3: How does this influence treatment options?

10.00 - 10.25 **Rebuilding trauma patients**

Dr Mark Forrest

Q1: How big is the problem?

Q2: What is available now?

Q3: What is on the horizon?

10.25 - 11.00 **The ethics of acute care**
Dr Alex Psirides

11.00 - 11.25 **Coffee Break**

11.25 - 11.45 **Is the trauma 'team' real?**

Dr Rod Mackenzie

Q1: Do many hands make light work?

Q2: How do we make 'flash teams' work?

Q3: How could they be better?

11.45 - 12.05 **Regional blocks in trauma care**

Dr Amit Pawa

Q1: Which blocks are most effective?

Q2: How difficult are they to learn?

Q3: How long can they last?

12.05 - 12.25 **Oesophageal Trauma**

Professor Kenji Inaba

Q1: What are the mechanisms?

Q2: Diagnosis

Q3: Management

12.25 - 13.00 **Vascular compromise of limbs after major trauma**

Professor Karim Brohi

Q1: What are the causes?

Q2: What interventions are required?

Q3: How successful is conservative management?

13.00 - 14.00 **Lunch Break**

14.00 - 14.40 **KEYNOTE ADDRESS: Thoughts on trauma care in 2030**
Professor Kenji Inaba

14.40 - 15.30 **QUICKFIRE SESSION**

Talk 1. **Ross Davenport RePhil: What can we learn from this pre-hospital RCT?**

Talk 2. **Dr Tim Nutbeam: TXA and SEX**

Talk 3. **A/Professor Zaff Qasim: Vasopressors in trauma - a never event?**

Talk 4. **Dr Anne Weaver: 'Code Black' does it work?**

Talk 5. **Mr Zane Perkins: Thoracotomy Controversies**

15.30 - 16.00 **Coffee Break**

16.00 - 16.30 **REBOA is a key trauma intervention and here to stay**
Pro: Dr Robbie Lendrum
Con: Col Paul Parker

16.30 - 17.00 **The Challenges of US trauma Care**
Professor Andre Campbell (Live Presentation delivered Virtually)

17.00 **Close**

Breakaway Sessions

We will be running several interactive sessions during the conference. Delegates are encouraged to sign up for these during registration.

Military Surgery Symposium

Wednesday 7th December

The Education Centre

09.00 - 10.15 - **Session 1** - internal event (no LTC delegate access)

10.40 onwards - open to LTC delegates

Please note: The first morning session is an internal event with no LTC delegate access. Following the morning coffee break, the remaining sessions will be open to interested delegates - with primary access available to those who have pre-booked. For late availability please ask at reception.

Ultrasound Workshops

Sign up at the registration desk on the day.

Tuesday 6th December 2022

The Sunley & Drayson Rooms

12.00 - 14.00 **Ultrasound in Cardiac Arrest**

Wednesday 7th December 2022

The Sunley & Drayson Rooms

10.30 - 12.30 **Ultrasound in Pre-hospital Care**

Lunch with Experts

These quickfire lunchtime sessions give you the chance to listen and interact with experts on topical clinical issues. Sign up at the registration desk on the day, take your lunch in and make the most of your time at the Conference.

Wednesday 7th December

The Drayson Room

13.00 - 14.00 **Lunch with Experts: eCPR – where does it fit into clinical practice?**
Dr Ben Singer & Dr Dinis Dos Reis Miranda

Thursday 8th December

The Drayson Room

13.00 - 14.00 **Lunch with Experts: REBOA – where does it fit into clinical practice?**
Dr Robbie Lendrum & Dr Jostein Brede

Lunchtime Demonstration

Wednesday 7th December 2022

Ondaatje Theatre (Main Lecture Theatre)

13:20 - 13:50 **ALS – Synchronised Therapy**
Showing fully automated synchronised therapy with Chest Compression Synchronised Ventilation and Mechanical CPR.

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