Trauma Association of Canada

2025 ANNUAL SCIENTIFIC MEETING AND CONFERENCE

March 19th – 21st, 2025

Hilton Lac Leamy Hotel

Gatineau,QC

CODE ORANGE: MCI

Advancing Excellence in
Mass Casualty Incident Response

PROGRAM

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March 19th – 21st, 2025
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Advancing Excellence in Mass Casualty Incident Response

PROGRAM

Pre-Conference Day
Wednesday, March 19th, 2025

Time	Session
0800-1600	**INTERDISCIPLINARY TRAUMA NETWORK OF CANADA** (ITNC) **MEETING**
0800-1600	**TRAUMA REGISTRY INFORMATION SPECIALISTS OF CANADA** (TRISC) **MEETING**
	COMMITTEE MEETINGS
0800-1200	• **Research**
1300-1500	• **Trauma Directors**
1600-1700	• **Injury Prevention**
1630-1730	• **Trauma Team Leaders** (TTL)
1730-1930	**WELCOME RECEPTION** *Rendez-vous au Lac* **& POSTER JUDGING**

Conference Day 1
Thursday, March 20th, 2025

Time	Session	Speaker
0700-0800	**BREAKFAST**	
0800-0810	**WELCOME**	**Cheryl Connors, TAC Executive Director** **Dr Jacinthe Lampron & Kolan Gilmour**
0810-0850	TAC President's Address **MCI Multiverse:** **Infinity Pearls of Preparation**	**Dr Jagadish Rao**
0850-0945	**OPENING KEYNOTE** (International Speaker) **Care on the Battlefield:** **What's Old is New Again and the Importance of a Trauma System**	**Colonel Jennifer Gurney** MD FACS MC
0945-1015	**VISIT EXHIBITS, VIEW POSTERS & REFRESHMENT BREAK**	

1015-1115	Stream 1	Stream 2	Stream 3
	SURGICAL 1 Moderator: **Dr Anna Lavallée**	**PAEDIATRICS** Moderator: **Dr Marianne Beaudin**	**TTA/TTL** Moderators: **Dr Christian Malo** & **Dr Luis Teodoro da Luz**
	Traumatic Hernia Repair: Now or Later Presenter: **Dr Maher Matar**	**From Training to Reality:** **Code Orange Preparedness Using the Emergo Train System** Presenter: **Marie-Gabrielle Delisle** RN	**Enhancing Trauma Care:** **The Ottawa Trauma Team Leader Program** Presenter: **Dr Jacinthe Lampron**
	Optimizing Spinal Cord Injury Management: **Timing, Elevated MAP, and C-Spine Clearance on Obtunded Patients** Presenter: **Dr Safraz Mohammed**	**Tiny Tech: Integrating Technology in Mass Casualty Triage and Mobilization** Presenters: **Liane Boisvert** RN & **Michael Brulotte** Emergency Management Specialist	**Anticipating the Uncommon:** **Preparing for Multi-Casualty Events** Presenter: **Dr Doran Drew**
	Navigating Ureteral, Bladder, and Urethral Injuries Presenter: **Dr Conrad Maciejewski**	**Little Patients, Big Plans: Innovating Paediatric Mass Casualty Preparedness** Presenter: **Dr Natasha Collia**	**Trauma Codes: A Rural Perspective** Presenter: **Dr Dale Read**

Conference Day 1
Thursday, March 20th, 2025

Time	Stream 4	Stream 5	Stream 6
1120-1220	**MILITARY 1** Moderators: **LCol Leilani Doyle** CD BSc MD FRCP & **Maj Alenko Sakanovic** **Enhancing Canadian Forces Health Services (CFHS) Trauma Readiness and Care with a Data-Driven Military Trauma System for Modern Combat** Presenter: **LCol Amy Godwin** CD MN RN **Medical and Operational Considerations in Providing Prehospital Patient Care in a Cold Weather Environment** Presenter: **Maj Tristan Alie** **Recognition and Management of Nerve Agents: An Overview** Presenter: **Matt Sobchuk**	**NURSING** Moderator: **Lara Gurney** **From Chaos to Control: Mastering Crises Response and Recovery of a Code Orange MCI** Presenters: **Lori Quinn,** Regional Director Emergency Services Program, Vancouver Coastal Health & **Ryan Whitty,** Clinical Care Leader, Critical Care, The Ottawa Hospital	**PERFORMANCE IMPROVEMENT 1** Moderators: **Lynne Moore** & **Fran Priestap** **Bridging the Gap: Strategies for Improving Geriatric Trauma Care in Level III Sites** Presenters: **Dr Leeor Sommer,** Trauma Medical Director & **Lynda Foster,** Trauma Coordinator **Quality Improvement in Action: A Strategy to Support Trauma Patients with an Opioid Use Disorder Remain in Hospital** Presenter: **Amy Makish,** Nurse Practitioner, London Health Sciences Centre
1220-1400	**LUNCH & VISIT EXHIBITS**		

Conference Day 1
Thursday, March 20th, 2025 OPEN PAPER SESSION 1

1400-1500	Session 1A	Session 1B	Session 1C
1400	**Access to pediatric trauma centers in Canada: A multicentre retrospective cohort study** Alexandra Lapierre	**When Is it safe to start venous thromboembolism prophylaxis after blunt solid organ injury?** Morgan Schellenberg	**Improving quality and safety in thoracostomy management: A digital chest drainage system intervention** Christopher Picard
1410	**Assessment of user experience in virtual reality-based pediatric trauma training module for healthcare providers** Boaz Laor	**One third of your trauma patients may be missing doses of VTE prophylaxis: A trauma quality improvement study** Brad Moffat	**Implementation of a trauma podcast** Izabella Opra
1420	**Improving pediatric trauma care by enhancing handover completeness and efficiency from pre-hospital teams** Melissa Lorenzo	**Factor concentrates versus plasma for coagulation support in trauma: The FiiRST-2 Trial, A 2020 EAST Multicenter Trial** Luis da Luz	**Emergency department intubation of trauma patients: A retrospective review of first pass success rate and complications from 2017-2022** Paul Clerc
1430	**Low-value clinical practices in pediatric trauma care** Lynne Moore	**Evaluating the impact of advanced Trauma-team leader notification** Cohen Chaulk	**Who cares about trauma? An environmental scan of potential stakeholder organizations to engage in a national trauma care and injury control strategy** David Evans
1440	**Adherence to practice recommendations in pediatric injury care: Retrospective cohort study of a provincial trauma registry** Gabrielle Freire	**Implementing enhanced recovery protocol to improve trauma laparotomy outcomes: A single-center pilot study** William Davalan	**Assessment of iloprost dosage on amputation rates in severe frostbite: A Calgary retrospective review** Christopher Picard
1450	**Q&A**	**Q&A**	**Q&A**
1500-1530	**VISIT EXHIBITS, VIEW POSTERS & REFRESHMENT BREAK**		

Conference Day 1
Thursday, March 20th, 2025 OPEN PAPER SESSION 2

1530-1630	Session 2A	Session 2B	Session 2C
1530	**A scoping review of health disparities in the Canadian trauma system** Nardin Farag	**Increasing incidence of futile trauma transfers to a Level 1 Trauma Center: A key target for resource optimization** Jean Francois Cabot	**Individuals experiencing houselessness and severe frostbite in Edmonton and Calgary: A three-winter review** Christopher Picard
1540	**The use of simple telementoring to guide unskilled practitioners in FAST examination** Christina Osadchuk	**Interprofessional interventions to support collaboration in an integrated Canadian trauma system: A practice survey** Alexandra Lapierre	**E-Scooter injuries seen in Quebec Trauma Centres: Is the current legislation enough?** Liane Fransblow
1550	**Implementation of mass casualty education into a provincial trauma course resulting from a formal needs assessment** Izabella Opra	**Systematic review of the long-term progression of health-related quality of life in major trauma patients** Annalise Kudryk	**Falls among community-dwelling older adults in Saint John, New Brunswick** Nicholas MacLean
1600	**A prospective quality review of a mass casualty response utilizing a Failure Modes Effects Analysis (FMEA) framework** Kenzie MacLean	**Secondary traumatic stress, acute stress disorder and post traumatic stress disorder amongst learners rotating on a trauma surgery rotation** Mariam Alsobaei	**From idea to impact: implementing a hospital-based car seat clinic and what we've learned** Emma Schmidt
1610	**iROBOT: Implementing real-time operational dashboards for trauma care** Christopher Picar	**Comparison of diagnostic laparoscopy versus non-therapeutic laparotomy in hemodynamically stable trauma patients: A retrospective cohort study** Juan-Manuel Pueyo	
1620	**Q&A**	**Q&A**	**Q&A**

Conference Day 1
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1630-1730 **MILITARY 2**

Moderators:
LCol Leilani Doyle CD BSc MD FRCP
Maj Alenko Sakanovic

Health Services Reserves Virtual Reality Initiative: Use of VR for Medical Education and Training
Presenter:
CWO Michael Fuentespina MMM CD
Services Reserve Chief Warrant Officer, Canadian Armed Forces Health Services Group

The Limitations of Formal MCI Triage Tools
Presenter:
Major David Jerome MD MSc CCFP(EM) FAWM DiMM DiWEM

CALM in CHAOS
Presenter:
Captain Stephanie Smith MD CCFP-EM BN

FREE EVENING FOR DELEGATES

Conference Day 2
Friday, March 21st, 2025

Time	Session	Speaker
0730-0845	**BREAKFAST & TAC AGM** (0800)	
0845-0930	**DR MURRAY GIROTTI INJURY PREVENTION LECTURE**	**Dr Julianna Deutscher**
	Unseen Diagnoses in Trauma Care: Addressing Intimate Partner Violence (IPV) and Human Trafficking	
0930-0945	**Dr Charles Burns Award**	**Dr Jagadish Rao**
0945-1015	**VISIT EXHIBITS, VIEW POSTERS & REFRESHMENT BREAK**	

Conference Day 2
Friday, March 21st, 2025

1015-1115

Stream 7

PERFORMANCE IMPROVEMENT 2
Moderators:
Dr Amanda McFarlan &
Dr Nasira Lakha

Responding to Best Practice Guidelines: Using an Interdisciplinary Approach to Improve Trauma Care
Panel

Understanding how Hospital Quality Process and Outcome Measures are Identified and Addressed
Panelist:
Amanda McFarlan

Moving the Needle on Pressure Ulcers
Panelist:
Nancy Branco

Improving Patient Safety in Paediatric Neurotrauma Care
Panelist:
Dr Lynsey Downing

Change Management Strategies to Address Trauma Hospital Events
Panelist:
Dr Morgan Schellenberg

Care Pathways for Patients with Chest Trauma: Mitigating Adverse Events by Standardizing Care
Panelists:
Angie Brisson &
Dr Emilie Joos

Stream 8

TTL2
Moderators:
Dr Christian Malo &
Dr Luis Teodoro da Luz

Top 10 Trauma Resuscitation Studies of 2024 Elected by TTLs Across Canada
Presenters:
Dr Christian Malo &
Dr Luis Teodoro da Luz

Top 5 2024 Paediatric Papers
Presenters:
Dr Suzanne Beno &
Dr Melanie Labrosse

Stream 9

SURGICAL 2
Moderator:
Dr Rob Leeper

***Inaugural TAC Surgeon's Committee* Leadership and Innovation in Trauma Care: Shaping the Future of Canadian Healthcare**
Interactive Forum

Conference Day 2
Friday, March 21st, 2025

TIME	Stream 10	Stream 11	Stream 12
1120-1220	**PRE-HOSPITAL & TRANSPORT MEDICINE** (PTM) Moderators: **Justin Smith** Chief Paramedic, Ornge & **Dr Jagadish Rao** **Creating Capacity: The Role of Critical Care Transport Organizations in Creating System Capacity** Presenter: **Wayde Diamond**, CCP-SO, Special Operations Team Surge Capacity & Logistics Co-Lead **Consensus Building: Expanding & Escalating Incidents in the Prehospital Environment** Panel: **Justin Smith**, Chief Paramedic, Ornge & **Dr Jagadish Rao**	**INJURY PREVENTION** Moderators: **Jennifer Britton** & **Joanne Sadler** **Identifying Strengths and Gaps in your Department: How to Build an Approach to Responding to Intimate Partner Violence (IPV) and Human Trafficking** *Interactive Workshop* Presenter: **Dr Julianna Deutscher**	**SURGICAL 3** Moderator: **Dr Maher Matar** **Universal Screening for Blunt Cerebrovascular Injury (BCVI)** Presenter: **Dr Emilie Joos** **Stop the Clot: Is AntiXa Level the Solution?** Presenter: **Dr Alexandre Tran** **Innovative Management of Pain for Rib Fractures** Presenter: **Dr Sarah Tierney**
1220-1330	**LUNCH & VISIT EXHIBITS**		
1330-1400	**TRAUMA FAMILY FEUD**		

Conference Day 2
Friday, March 21st, 2025 OPEN PAPER SESSION 3

1400 -1500	Session 3A	Session 3B	Session 3C
1400	**The feasibility of a prehospital critical care scene response to major trauma within an urban and suburban road network** Johannes von Vopelius-Feldt	**Barriers and facilitators to the optimization of opioid use by trauma patients** Caroline Côté	**Retrospective analysis of clinical outcomes associated with chest tube insertions for pneumothorax: a perspective from a tertiary care hospital** Vanessa Wiseman
1410	**Development and feasibility of a national prehospital transfusion registry: insights from the Blood on Board program at Ornge** Noah Zweig	**The validity of the Trauma Specific Frailty Index to the Canadian geriatric trauma patient** Amy Makish	**A systematic review of sample size methodology in RCTs for prevention of venous thromboembolism in trauma and emergency general surgery** (Joseph Tropiano
1420	**Prehospital trauma deaths in an u rban and suburban setting: epidemiology and potential for advanced prehospital interventions** Sasha Jones	**Using a standardized tool to care for the patient with a Traumatic Brain Injury along the trajectory of care** Angie Brisson	**Evaluating the Duration and Utility of Long-Term CT Follow-Up in Blunt Cerebrovascular Injuries** Atif Jastaniah
1430	**Assessing prehospital transfusion training in Canadian critical care transport organizations** Pierre-Marc Dion	**Evaluating an opioid withdrawal prevention intervention in hospitalized trauma patients: a quality improvement initiative** Rosemary Stanoev	**Ignored and forgotten: could current missing data practices be limiting the usefulness of transfusion prediction scores?** Melissa O'Neill
1440	**Prehospital resuscitative balloon occlusion of the aorta (REBOA) in Ontario: Evaluating needs** Fabio Botelho	**Clinical practice guideline recommendations to improve the mental health of adult patients with traumatic injury: A systematic review** Mélanie Bérubé	**Sealed Compartment Tamponade Technique to Control Profuse Hemorrhage - Pressure Model Experiment** Sody Naimer
1450	**Q&A**	**Q&A**	**Q&A**

Conference Day 2
Friday, March 21st, 2025

1500-1515	**BREAK**	**Speaker**
1515-1600	**Dr Fraser Gurd Lecture** Disaster Response: From Local to Global	**Dr Dan Deckelbaum**
1600-1615	**PRESENTATION OF AWARDS & CLOSING REMARKS**	**Dr Jagadish Rao**

For more information:
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