

Creating Connections:

April 20-21<sup>st</sup>, 2023  
The Westin Edmonton



Advancing Equity &  
Access to Trauma Care

Trauma Association of Canada  
Association Canadienne de Traumatologie

# Program



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## Pre-Conference Day Wednesday, April 19<sup>th</sup>, 2023

<b>0730-1600</b>	<b>Interdisciplinary Trauma Network of Canada (ITNC) Meeting</b> <i>CHAIR: Angie Brisson</i>	CENTENNIAL ROOM
<b>0800-1200</b>	<b>Research Committee</b> <i>CHAIR: Dr Kelly Vogt</i>	LEDUC ROOM
<b>1300-1500</b>	<b>Trauma Directors Meeting</b> <i>CO-CHAIRS: Dr. Julien Clement &amp; Dr. Tarek Razek</i>	LEDUC ROOM
<b>1500-1600</b>	<b>Trauma Team Leaders (TTL) – PART ONE</b> <i>CO-CHAIRS: Dr. Luis Teodoro Da Luz &amp; Dr. Christian Malo</i>	LEDUC ROOM
<b>1600-1700</b>	<b>Trauma Team Leaders (TTL) – PART TWO</b> <i>CO-CHAIRS: Dr. Luis Teodoro Da Luz &amp; Dr. Christian Malo</i>	CONSULATE ROOM
<b>1600-1730</b>	<b>Stop the Bleed Course</b> <b>Cathy Falconer</b>	CENTENNIAL ROOM
<b>1600-1730</b>	<b>TAC Performance Improvement Committee</b> <i>CHAIR: Dr. Lynne Moore</i>	LEDUC ROOM
<b>0930-1230</b>	<b>Trauma Registry Information Specialists of Canada (TRISC) Annual Meeting</b>	VIA ZOOM

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# Conference Day 1

## Thursday, April 20<sup>th</sup>, 2023

**0700- BREAKFAST**

**0800 INDUSTRY SYMPOSIUM** *(Not Accredited)*

Short-acting, Acute Pain Management: A New Paradigm  
for Managing Minor Trauma

**SPEAKER: Dr. Vu Kiet Tran**

**PLENARY**

BALLROOM – SASKATCHEWAN & MANITOBA

**0800- LAND ACKNOWLEDGEMENT & WELCOME**

**0810 Cheryl Connors, EXECUTIVE DIRECTOR**

**Dr. Andrew Beckett, TAC PRESIDENT**

**Dr. Damian Paton-Gay, Cathy Falconer, CONFERENCE CO-CHAIRS**

**PLENARY**

BALLROOM – SASKATCHEWAN & MANITOBA

**0810- Where did Trauma Care Start and Where to from Here?**

**0840 SPEAKER: Dr. Andrew Beckett**

**PLENARY**

BALLROOM – SASKATCHEWAN & MANITOBA

**0840- OPENING KEYNOTE: INTERNATIONAL LECTURE**

**0925 Trauma Care in the Ukraine War**

**SPEAKER: Dr. John Quinn**

**PLENARY**

BALLROOM – SASKATCHEWAN & MANITOBA

**0925- BREAK**

**1000** *Visit Exhibits & View Posters*

**EXHIBIT HALL**

BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON

1000-1100

DAY 1 – STREAMS

**1**  
**Surgical 1**

**MODERATOR: Dr. Matt Strickland**  
BALLROOM – SASKATCHEWAN & MANITOBA

Who Should be Accrediting our Canadian Trauma Centres?

**SPEAKERS: Dr. Tarek Razek**  
**Dr. Avery Nathens**

**2**  
**Paediatrics**

**MODERATORS: Dr. Marianne Beaudin & Cathy Falconer**  
CENTENNIAL – LOBBY LEVEL

Trauma Video Review  
A Canadian Paediatric Trauma Centre's Experience

**SPEAKER: Dr. Suzanne Beno**

Overview: Discussion of Key Wins, Current Issues and Future Directions for the Use of Telemedicine in Paediatric Trauma Resuscitation

**SPEAKER: Dr. Meagan Doyle**

Blunt Abdominal Trauma CT Algorithm

**SPEAKER: Dr. Karl Phillips**

**3**  
**TTA/TTL**

**MODERATORS: Dr. Luis da Luz & Dr. Christian Malo**  
DEVONIAN – LOBBY LEVEL

Trauma Team Video Review  
**SPEAKER: Dr. Bourke Tillmann**

Sunnybrook TTL Program  
**SPEAKER: Dr. Luis Teodoro da Luz**

TTL Program Implementation Challenges  
**SPEAKER: Dr. Katherine Smith**

1105-1205

**4**  
**Military**

**MODERATORS: Major (Retired) Scott MacLean & LCdr Jo-Ann Hnatiuk**  
BALLROOM – SASKATCHEWAN & MANITOBA

The Lethal Diamond: Hypocalcemia in Trauma Resuscitation

**SPEAKER: LCol Leilani Doyle BSc MD MSc FRCPC**

Evidence-Based Point of Injury Care

**SPEAKER: LCol Rich Hilsden MD MBA FRCSC**

**SPEAKER: Major Shane Smith MD CCFP FRCSC**

The Role of Canadian Armed Forces Forward Surgical Teams In Future Global Conflicts

**SPEAKER: Dr. Christopher Kennedy**

CAN-PATT (Canadian Prehospital And Transport Transfusion) Network

**SPEAKER: Dr. Jan Trojanowski**

**5**  
**Trauma Patient Journey**

**MODERATORS: Sherry MacGillivray, Angie Brisson & Nasira Lakha**  
CENTENNIAL – LOBBY LEVEL

Trauma Patient Stories:  
Listening and Learning to Improve the Quality and Experience in Care

**SPEAKERS: Lara Gurney**  
**Joanne Sadler**  
**Jaclyn Robinson**

**6**  
**Performance Improvement/  
Trauma Systems**

**MODERATORS: Deanna Fong & Dr. Lynne Moore**  
DEVONIAN – LOBBY LEVEL

Representation in Trauma Registries:  
Current Definitions of Data Elements Related to Sex, Gender, Race, & Ethnicity Collected in Canadian Trauma Registries

**SPEAKER: Dan Cashen**

Rebuilding the Quality Indicators in New Brunswick  
**SPEAKER: Allison Chisholm**

An Update on Real Time Quality Improvement  
**SPEAKER: Verity Tulloch**

## DAY 1

### 1205- LUNCH

1305 *Visit Exhibits & View Posters*

### 1215- National Trauma Leaders in the Very, Very Hot Seat: 1245 A Challenging Trauma Case

See some of our national trauma leaders discuss and navigate a challenging case with the added stress of escalating spicy wings. Think “Hot Ones” for the trauma crowd.

**MODERATORS: Dr. Damian Paton-Gay  
Dr. Matt Strickland**

### EXHIBIT HALL

BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON

### PLENARY

BALLROOM – SASKATCHEWAN & MANITOBA



DAY 1 – OPEN PAPER SESSIONS

1310-1410

**1A**  
**Emergency Department**

BALLROOM – SASKATCHEWAN & MANITOBA

**1B**  
**Older Adults**

DEVONIAN – LOBBY LEVEL

**1C**  
**Clinical 1**

CENTENNIAL – LOBBY LEVEL

**1D**  
**Health Services**

STRATHCONA – LOBBY LEVEL

**1310-1320 ID 34** Trauma team activation under-triage at a Lead Trauma Hospital (LTH) using trauma trained emergency department nurses, development of a pilot project.  
**PRESENTER: Derek Goltz**

**ID 60** Risk factors of mortality in older patients with moderate traumatic brain injury.  
**PRESENTER: Marcel Emond**

**ID 3** A prospective multi-center study to evaluate increased thromboembolism risk among trauma patients receiving tranexamic acid.  
**PRESENTER: Lisa Marie Knowlton**

**ID 40** Creating functional definitions of trauma centres in Canada.  
**PRESENTER: Natalie Yanchar**

**1320-1330 ID 31** Impact of the Rural Trauma Team Development course.  
**PRESENTER: Fran Priestap**

**ID 42** Geriatric Recovery and Enhancement Alliance in Trauma (GREAT) multidisciplinary quality improvement Initiative: improving process and outcome measures across the trauma spectrum of care.  
**PRESENTER: Nori Bradley**

**ID 2** Pseudoaneurysms after high grade blunt solid organ injury and the utility of delayed computed tomography angiography.  
**PRESENTER: Morgan Schellenberg**

**ID 27** Evaluation of a Multidisciplinary Traumatic Brain Injury Clinic in the Public Health Care Setting  
**PRESENTER: Erica Lester**

**1330-1340 ID 64** Impacts of implementing a trauma team leader during the initial resuscitation period of polytrauma patients in a tertiary adult trauma centre.  
**PRESENTER: Tristan Desrosiers**

**ID 63** The reliability of the Glasgow Coma Score in older injured patients.  
**PRESENTER: Marcel Emond**

**ID 19** Prognostic factors associated with risk of stroke following blunt cerebrovascular injury: a systematic review and meta-analysis.  
**PRESENTER: Alexandre Tran**

**ID 36** Discharge disposition and length of stay before and during the COVID-19 pandemic at an urban level II trauma center.  
**PRESENTER: Conor Holland**

**1340-1350 ID 23** Predictors of survival from resuscitative thoracotomy for injured patients: a systematic review and meta-analysis.  
**PRESENTER: Avneesh Bhangu**

**ID 61** Factors associated with adverse outcomes in hip-fracture patients: a retrospective cohort study.  
**PRESENTER: Marcel Emond**

**ID 26** Contemporary use of splenic-conserving surgeries for splenic trauma: mechanism of injury matters.  
**PRESENTER: Angela Tang-Tan**

**ID 41** Trauma center variation in mortality after hemorrhage control surgery.  
**PRESENTER: Katherine Florecki**

**1350-1400** Q & A

**ID 55** Older adults experience delayed analgesia in the trauma bay: an equity issue.  
**PRESENTER: Betel Yibrehu**

Q & A

**ID 10** Implementing one of the first level 3 trauma centres in Ontario: a community hospital's experience.  
**PRESENTER: Sharon Ramagnano**

**1400-1410**

Q & A

Q & A

DAY 1 – OPEN PAPER SESSIONS

**2A**  
Epidemiology

BALLROOM – SASKATCHEWAN & MANITOBA

**2B**  
Pre-hospital

DEVONIAN – LOBBY LEVEL

**2C**  
Equity

CENTENNIAL – LOBBY LEVEL

**2D**  
Injury Prevention

STRATHCONA – LOBBY LEVEL

**1415-1425 ID 13** Citation versus disruption: analysis of the top disruptive trauma research publications.  
**PRESENTER: Joshua Dilday**

**ID 30** Trauma EMS QI and trauma transfer to definitive care destination decisions.  
**PRESENTER: Diane Bradford**

**ID 4** The relation of race and venous thromboembolism after traumatic Injury, the results from the multicenter CLOTT study.  
**PRESENTER: Chih-Ying Chien**

**ID 18** Youth safety lab: exploring the prevention spectrum.  
**PRESENTER: Brandy Tanenbaum**

**1425-1435 ID 7** How to ensure data accuracy across a multi-site registry in the Edmonton zone.  
**PRESENTER: Claire Ewatski**

**ID 74** Strategies to manage non-compressible torso hemorrhage (NCTH) in non-surgical settings: a systematic review.  
**PRESENTER: Asad Naveed**

**ID 38** Underprivilege level and injuries: does socioeconomic status still affect trauma outcomes in a universal healthcare system?  
**PRESENTER: Hamnah Majeed**

**ID 25** Are operational fitness evaluations safe for military members with a total hip arthroplasty?  
**PRESENTER: Max Talbot**

**1435-1445 ID 12** Can CMG+ cost estimates be used as a proxy for microcosting in economic studies of trauma patients?  
**PRESENTER: Erica Lester**

**ID 8** Autonomous procedural support for far forward heroic interventions: a component of the TeleHelper for Operational Medical Procedure Support and Offline Network (Trauma THOMPSON) project.  
**PRESENTER: Nina Jiang**

**ID 67** A comparison of rural versus urban traumatic injury mortality in Nova Scotia 2011-2020.  
**PRESENTER: Robert Green**

**ID 54** Association between firearm-related injury and neighborhood social deprivation in Baltimore City.  
**PRESENTER: James Byrnes**

**1445-1455 ID 57** Derivation of the Quebec Brain Injury Categories (QueBIC) for complicated mild traumatic brain injuries.  
**PRESENTER: Marcel Emond**

**ID 44** Advanced prehospital interventions do not improve outcomes in hypotensive trauma patients.  
**PRESENTER: Jessica Zimmerman**

**ID 76** Advancing knowledge on the implementation of intimate partner violence (IPV) screening programs in trauma care settings: a rapid realist review.  
**PRESENTER: Kayla Fitzpatrick**

**ID 73** Characteristics and outcomes of violent injuries at two urban hospitals in Vancouver, British Columbia.  
**PRESENTER: Joanne Sadler**

**1455-1505 ID 71** Predicting hemorrhage onset in augmented trauma patients' data through machine learning methods.  
**PRESENTER: Paul McBeth**

Q & A

**ID 39** Assessing the trauma needs of patients experiencing homelessness: a retrospective cohort study.  
**PRESENTER: Hamnah Majeed**

**ID 20** Injury is not equal: using trauma data to inform prevention 2.0.  
**PRESENTER: Brandy Tanenbaum**

**1505-1515** Q & A

**ID 68** Use of the six core surgical indicators from the Lancet Commission on Global Surgery in indigenous population regions of Nunavik and the Cree Territories of James Bay in Quebec: a situational analysis.  
**PRESENTER: Rabab Alabdullah**

**ID 75** Evidence-based endorsement of the Federal Bill C-21: mobilizing public health action toward decreasing the burden of firearm-related death and injuries in Canada.  
**PRESENTER: Ian Pike**

**1515-1525**

Q & A

Q & A

## DAY 1

**1525-1555** **BREAK**  
*Visit Exhibits & View Posters*

**1600-1700** **ANNUAL GENERAL MEETING**

**1700-1900** **RIVER VALLEY RETREAT**  
*Welcome Reception & Poster Judging*

**EXHIBIT HALL**  
BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON

**PLENARY**  
BALLROOM – SASKATCHEWAN & MANITOBA

**EXHIBIT HALL**  
BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON





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## Conference Day 2 Friday, April 21<sup>st</sup>, 2023

### 0730- BREAKFAST

### 0830 INDUSTRY SYMPOSIUM *(Not Accredited)*

AbClo: A Non-Invasive Technology to Prevent Fascial Lateralization  
for Closure of the Open Abdomen

**SPEAKER: Dr. Joao Rezende-Neto**

### PLENARY

BALLROOM – SASKATCHEWAN & MANITOBA

### 0830- DR. FRASER GURD LECTURE

**0915 Connecting the Dots:  
Improving Care for People who use Substances**

**SPEAKER: Dr. Kathryn Dong**

### PLENARY

BALLROOM – SASKATCHEWAN & MANITOBA

### 0915- Dr. Charles Burns Award & Honourary Memberships

**0930 PRESENTER: Dr. Andrew Beckett**

### PLENARY

BALLROOM – SASKATCHEWAN & MANITOBA

### 0930- BREAK

**1000 Visit Exhibits & View Posters**

### EXHIBIT HALL

BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON

## DAY 2 – OPEN PAPER SESSIONS

1005-1105

### 3A Clinical 2

BALLROOM – SASKATCHEWAN & MANITOBA

**1000-1010 ID 11** Interdisciplinary strategies to prevent long-term, non-beneficial opioid use following trauma: a consensus study.

**PRESENTER: Melanie Berube**

**1010-1020 ID 24** Pedestrian and cyclists injured by heavy vehicles: a descriptive study of 10 years of BC Trauma Registry data.

**PRESENTER: Barak Raguan**

**1020-1030 ID 45** Major trauma related to burns in Nova Scotia: an 18-year retrospective analysis of trends and predictors of mortality.

**PRESENTER: Robert Green**

**1030-1040 ID 59** Rib fracture score is a good indicator of mortality in chest trauma patients at a level one trauma hospital, Vancouver General Hospital (VGH).

**PRESENTER: Bader Al-Zeer**

**1040-1050 ID 72** Clearing the cervical spine in obtunded trauma patients using computer tomography: A systematic review.

**PRESENTER: Pierre-Marc Dion**

**1050-1100 ID 37** Ambulance response time and death-at-the-scene: an analysis of firearm injuries and motor vehicle crashes in United States counties.

**PRESENTER: Jerome Byam**

**1100-1110** Q & A

### 3B Education & Quality Improvement

DEVONIAN – LOBBY LEVEL

**ID 1** The status of trauma care and trauma surgical education in Canada: a week in the life of a trauma service.

**PRESENTER: Kevin Verhoeff**

**ID 15** Validation of quality indicators targeting low-value trauma care: a multicenter retrospective cohort study.

**PRESENTER: Lynne Moore**

**ID 32** Development and preliminary validation of an observation tool for individual teamwork skills during adult trauma resuscitation.

**PRESENTER: Alexandra Lapierre**

**ID 21** Trauma nursing competencies: what are they and why do they matter?

**PRESENTER: Jo-Ann Hnatiuk**

**ID 58** Standardizing trauma nursing leadership: a strategy for nursing education in emergency departments within a health authority in British Columbia.

**PRESENTER: Lori Milton**

Q & A

### 3C Paediatric Trauma

CENTENNIAL – LOBBY LEVEL

**ID 62** Prehospital mortality among paediatric trauma patients in Nova Scotia: a 17-year retrospective analysis.

**PRESENTER: Jason Emsley**

**ID 29** School lockdown, COVID and self-harm injuries/mental health emergency department visits in children.

**PRESENTER: Glenn Keays**

**ID 66** Epidemiology and predictors of mortality among major paediatric trauma patients in Nova Scotia: a 17-year retrospective analysis.

**PRESENTER: Jason Emsley**

**ID 16** Clinical practice guideline recommendations in paediatric orthopaedic injury care: a systematic review.

**PRESENTER: Lynne Moore**

**ID 65** The power of linked data: investigating social determinants of child health and their implications in reducing paediatric traumatic injury.

**PRESENTER: Hunter Goodon**

Q & A

## DAY 2 – STREAMS

1110-  
1210

# 7

### Pre-hospital & Transport Medicine (PTM)

**MODERATORS:** Dr. Mark MacKenzie & Justin Smith

**BALLROOM – SASKATCHEWAN & MANITOBA**

System Integration in Rural Trauma:  
A Case Presentation

**SPEAKER:** Justin Mazzolini

System Integration

**SPEAKER:** Dr. Kevin Lobay

Firstly Do No Harm:

Error Mitigation in Multi-agency Trauma Resuscitation

**SPEAKER:** Dr. Adam Oster

# 8

### Injury Prevention

**MODERATORS:** Joanne Sadler & Jennifer Britton

**CENTENNIAL – LOBBY LEVEL**

A United Vision for Injury Prevention:  
What is it? How do We Get there?

**PANELLISTS:** Dr. Natalie Yanchar

Valerie Turcotte *NP*

Stephanie Cowle

# 9

### Surgical 2

**MODERATOR:** Dr. Brett Mador

**DEVONIAN – LOBBY LEVEL**

The Future of Canadian Vascular Trauma: Ensuring  
We have the Skills, the Stuff and the Staff as  
Management Evolves

**SPEAKER:** Dr. Nori Bradley

1210-  
1410

*Visit Exhibits & View Posters*

**EXHIBIT HALL**

**BALLROOM – BRITISH COLUMBIA/ALBERTA/YUKON**

### 1230- LUNCH

### 1330 INDUSTRY SYMPOSIUM *(Not Accredited)*

Biomarker Identification in Mild Traumatic Brain Injury (mTBI)

**SPEAKER:** Dr. Jaime Marino, *Abbott Associate Medical Director*

**PLENARY**

**BALLROOM – SASKATCHEWAN & MANITOBA**

### 1330- COMMITTEE MEETING

1430 Injury Prevention

**CO-CHAIR:** Jennifer Britton  
Joanne Sadler

**CENTENNIAL ROOM**

### 1330- ATLS COORDINATORS MEETING

1500 **CHAIR:** Glen Purcell

**DEVONIAN ROOM**

DAY 2

**1430-1515** **Dr Murray Girotti Injury Prevention Lecture**  
**Scaling the Cliff: Injury Prevention Advocacy – Useful Skills, Knowledge & Values**  
**SPEAKER: Dr. James Talbot**  
  
**MODERATORS: Joanne Sadler & Jennifer Britton**  
*Injury Prevention Committee Co-Chairs*

**PLENARY**  
BALLROOM – SASKATCHEWAN & MANITOBA

**1515-1535** **BREAK**

**NORTH FOYER**

**1535-1600** **PRESENTATION OF AWARDS**  
**MODERATOR: Dr. Andrew Beckett**

**Trainees**  
**Dr. Kelly Vogt, *Scientific Program Chair***

**Interdisciplinary Trauma Network of Canada (ITNC)**  
**Angie Brisson, *ITNC President***

**Trauma Registry Specialists of Canada (TRISC)**  
**Deanna Fong, *TRISC President***

**Injury Prevention (IP)**  
**Joanne Sadler & Jennifer Britton, *IP Co-Chairs***

**Lerners Research Grant Award**  
**Dr. Kelly Vogt, *Research Chair***

**PLENARY**  
BALLROOM – SASKATCHEWAN & MANITOBA

**1600-1615** **CLOSING REMARKS**  
**Dr. Andrew Beckett**

**PLENARY**  
BALLROOM – SASKATCHEWAN & MANITOBA