

University of Toronto TRAUMA PROGRAM

Volume 2, Issue 1 :: March 2015

Collateral Damage: Helping the Helpers Cope with Traumatic Injury

U of T Interdisciplinary Trauma Conference 2015 a Success!

The University of Toronto, Department of Surgery in partnership with St. Michael's Hospital, Sick Kids Hospital and Sunnybrook Health Sciences Centre presented the third Interdisciplinary Trauma Conference on **Friday, February 27, 2015** at the BMO Institute for Learning. The conference theme was: *Collateral Damage: Helping the helpers cope with traumatic injury.*

The audience for this conference included 293 nurses, physicians, allied health professionals, and first responders (police, fire, paramedics) involved in trauma programs or emergency care as well as public health and ministry of health policy makers. This year's conference explored the psychological components of trauma care through the lens of trauma and emergency care staff at various points in the trauma patients' journey.

Our keynote speaker, John Carnochan, former Detective Chief Superintendent at Strathclyde Police in Scotland presented on cycles of abuse, violence and public impact. Other topics included PTSD, mental health and wellbeing among care providers, guidance and insight on sharing difficult/tragic news with families, understanding the front line workers role in violence and injury prevention and understanding patients post trauma recovery experience.

An exciting feature of this year's conference was a lunchtime outdoor demonstration, during which, Ornge simulated a car crash scene with adolescents/young adults. For more information, visit www.traumaconference.ca

THE U OF T TRAUMA PROGRAM IS A COLLABORATIVE OF THE DEPARTMENTS OF SURGERY OF ST. MICHAEL'S HOSPITAL, SUNNYBROOK HEALTH SCIENCES CENTRE, AND THE HOSPITAL FOR SICK CHILDREN. IT IS DESIGNED TO PROMOTE QUALITY PATIENT CARE, EDUCATION, AND RESEARCH ACROSS THREE SITES AND TO INTEGRATE TRAUMA RELATED ACTIVITIES IN THE AREAS OF EDUCATION, QUALITY AND RESEARCH.

Best Practices in Trauma Care....

now available on your smartphone!

Download "U of T Trauma Protocols" via the app store for:

- ◆ iPhone iPad and iPod touch
- ◆ Blackberry 10
- ◆ Android phones and tablets

Or access online: m.trauma.utoronto.ca



Welcoming Our 2015 Visiting Professors



INJURY PREVENTION Inaugural Visit MARCH 3rd

Dr. Frederick Rivara holds the Children's Guild Association Endowed Chair in Pediatrics and has contributed to the field of injury control for over 30 years. He served as founding director of the Harborview Injury and Research Center in Seattle and was founding

president of the International Society for Child and Adolescent Injury Prevention. He has conducted seminal research on the effectiveness of bicycle helmets and developed programs to promote helmet use that have been copied and implemented around the world. These programs have led to a significant reduction in the number of children sustaining bicycle-related traumatic brain injury and death. His current research is on the long term disability after traumatic brain injury in children, interventions to reduce the prevalence of PTSD after traumatic injury in adolescents. This is the Program's first visiting professor with a focus on injury prevention. Through this venue, we hope to bring together researchers and clinicians engaged in prevention activities across the city.

Gun violence: research on prevention and its uses in advocacy

ICES Rounds, Sunnybrook Health Sciences Centre

Watch online: <http://bit.ly/18T2JDI>

Sports concussion in youth: what we know and what we don't
Hospital for Sick Children



TRAUMA JUNE 4th & 5th

Our 2015 Visiting Professor in Trauma, who will also be the speaker for our University Department of Surgery Grand Rounds (now called the Tile Lecture after renowned surgeon Dr. Marvin Tile) on June 5, 2015 will be Dr. James Kellam, a protégé of Dr. Tile and a Professor at The University of Texas Health

Science Center. He received his medical degree as well as his orthopaedic surgical training at the University of Toronto. Dr. Kellam has been involved in the practice of orthopaedic traumatology for 35 years. During this time he has been the president of the AO Foundation and the Orthopaedic Trauma Association. Dr. Kellam's areas of specialty care include acute management of complex orthopaedic injuries, limb reconstruction, and pelvis and lower extremity fractures and dislocations and complications.

JUNE 4, 2015

6:30 pm City-Wide Journal Rounds – By Invitation Only

JUNE 5, 2015

7:30 am Department of Surgery- University Rounds- Tile Lecture

Orthopedic Trauma: An Evolution of Care

Sunnybrook Health Sciences Centre - McLaughlin Auditorium EG61

9:00 am – 11:30 am Research Symposium

Sunnybrook Health Sciences Centre – M6502 Lecture Theatre

Please RSVP to tammy.kowalyk@sunnybrook.ca

Elevating Quality of Care for Trauma Patients

More than 220 trauma centers across the United States are participating in American College of Surgeons Trauma Quality Improvement Program (ACS TQIP®). TQIP provides mortality, complication, and care process data stratified by various patient cohorts (e.g. shock, TBI, elderly, blunt multisystem) and risk adjusts for demographics (e.g. age and comorbidities), physiologic and anatomic data (e.g. injury types and severity), and system factors (e.g. transfer status, trauma centre size and status). Sunnybrook is currently working towards submitting data to the National Trauma Data Bank in preparation for participation in TQIP in the 2015 calendar year.

Highlights of St. Michael's most recent TQIP report:

- Risk adjusted mortality: the odds of death at SMH are lower than 90% of the other TQIP centres.
- Complications: the odds of sustaining a complication at SMH are higher than most TQIP centres BUT rates are lower every year for most complications.
- VTE prophylaxis: 78.5 % of our patients received VTE prophylaxis during their stay compared to 56.6% for all TQIP centres. For the TBI cohort it is 54.0% vs. 28.6 % for all TQIP centres.
- Skeletal Fixation: 4.5% of our patients waited >24 hours for operative fixation of a mid femur fractures vs. 30.9% for all other TQIP centres. Time to operative fixation of open tib/fib fractures 33.3% >12 hours vs. 51.2 for all TQIP centres.

THE U OF T TRAUMA PROGRAM
AIMS TO PROVIDE LEADERSHIP IN THE
DELIVERY OF SPECIALIZED CARE TO SEVERLY
INJURED PATIENTS, INJURY RELATED
RESEARCH, AND EDUCATION AND INJURY
PREVENTION. PROVIDE COORDINATED
PATIENT-FOCUSED CARE
RECOMMENDATIONS IN CLOSE
COLLABORATION WITH EMS, REFERRING
INSTITUTIONS, AND FACILITIES PROVIDING
PRE AND POST-ACUTE CARE