



University of Toronto TRAUMA PROGRAM

Volume 2, Issue 2 :: Fall/Winter 2015

Each edition of the newsletter will highlight the initiatives of one of the three trauma centres in the GTA that make up the U of T Trauma Program. This edition will focus on SickKids Hospital.

National Pediatric Trauma Resources

The SickKids Trauma Program has developed and is contributing to national educational and knowledge translation programs for paediatric trauma. TRANslating Emergency Knowledge for Kids (TREKK) is a growing network of researchers, clinicians, national organizations and health consumers that specifically utilize knowledge translation strategies to enhance evidence-based emergency care for children across Canada by partnering PERC (Pediatric Emergency Research Canada) sites with local TREKK sites.

The PERC site in Toronto is The Hospital for Sick Children (SickKids) and our local TREKK sites include Milton District Hospital, Trillium Health Centre, and Credit Valley Hospital. Bottom Line Recommendations for Multisystem Trauma and Severe Head Trauma in Children have been published to the TREKK website. www.trekk.ca.

Another initiative is the Royal College of Physicians and Surgeons of Canada Trauma Resuscitation in Kids (TRIK) course which was developed by a national team of trauma experts (including paediatric emergency medicine, critical care, transport and surgical specialists) to supplement ATLS and provide an enhanced approach to the management of a multitude of different injuries typical of the pediatric trauma victim. TRIK is taught primarily through simulation-based learning, and the Trauma Program at SickKids has led and contributed to module development and course instruction.

http://www.royalcollege.ca/portal/page/portal/rc/resources/ppi/trik_course.

Lastly, the Pediatric Emergency Medicine Conference at The Hospital for Sick Children, University of Toronto held annually in October runs a simulation based paediatric trauma workshop for clinicians across the country.

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.



Road Traffic Trauma, Anatomy of a Crash: Fundamental concepts in management, sequelae and prevention
an interdisciplinary trauma conference

Thursday, February 25, 2016
BMO Institute for Learning
www.traumaconference.ca

In partnership with: **St. Michael's** Inspired Care. Inspiring Science. **SickKids** THE HOSPITAL FOR SICK CHILDREN **Sunnybrook** HEALTH SCIENCES CENTRE

2016 Trauma Conference

Please join us on **Thursday, February 25, 2016**

Road Traffic Trauma, Anatomy of a Crash:

Fundamental concepts in management, sequelae and prevention

Keynote Speaker: **Dr. H. Scully**

former head of the Canadian Medical Association, the Ontario Medical Association, and professor of surgery at the University of Toronto

For more information, visit www.traumaconference.ca

New Trauma Fellows for 2015

U of T trauma program welcomes two new trauma fellows for the 2015-2016.

Timothy Rice



Timothy Rice completed a Bachelor of Science with Honors in Kinesiology and Health Sciences at York University. He graduated from medical school and completed his General Surgery Residency both at McMaster University. After his fellowship training, Timothy hopes to pursue a Master's degree in Clinical Epidemiology.

Mylène Marchand



Mylene graduated from medical school at the University of Sherbrooke in 2009 and completed her general surgery residency training program in Sherbrooke in 2014. After her fellowship, she will bring her clinical experience back to the University Hospital Centre of Sherbrooke where she will become the Director of Trauma and focus on trauma resuscitation and multidisciplinary teamwork.

Ornge Data Sharing Agreement

Patients that require the specialized care that a Lead Trauma Hospital provides are dependent not only on the presence of a trauma hospital but also on a trauma system that gets the right patients to our door. St. Michael's Hospital and Sunnybrook Health Sciences recently signed an agreement with Ornge that is designed to provide timely feedback to prehospital EMS providers on trauma patients brought to our hospitals that can be used to monitor and improve quality, access and system performance.

We have an opportunity in this agreement to provide care in a coordinated manner as parts of an integrated trauma system. The sharing of prehospital and lead trauma hospital (LTH) data such as time to definitive care, emergency department disposition and length of stay at the LTH can ensure the highest quality trauma system; that is, getting the right patients to the right place in a timely manner and providing appropriate care along the continuum.

Annual UofT Visiting Professor in Trauma Developments

The Annual Visiting Professor in Trauma held in conjunction with the UofT Surgery Grand Rounds in Trauma continues to evolve and improve. In 2014 it became known as the Tile lecture, then in 2015 for the first time, recognizing that trauma care is a team "sport", we expanded the breadth of this lectureship to include Orthopaedic Surgery, a major contributor academically and clinically to trauma care at the University. Dr. James Kellam, former president of the AO Foundation and the Orthopaedic Trauma Association, spoke on the topic Orthopaedic Trauma: An Evolution of Care. As in past years a Research Symposium showcasing current research in the Department was held after the lecture. An interdisciplinary audience interacted with presenters from Trauma and Orthopaedics: Dr. Aaron Nauth (SMH), Dr. James Byrne (SHSC), Dr. Michael Mckee (SMH), Dr. Niloofar Dehghan (SMH), Dr. Jeremie Larouche (SHSC), Dr. Patrick Henry (SHSC). We anticipate invitations to world renowned surgeons from other specialties as further expand the scope of this lectureship.

UofT Trauma Program Lectureships

The UofT Trauma Program has come a long way since its inception in 2011. One measure of success is the support it receives to enhance its deliverables and to develop new initiatives.

One of these initiatives is the annual University of Toronto Trauma Grand Rounds, typically reserved for the last grand rounds of the academic year. This is now an endowed lectureship – the Tile Lecture in Trauma, supported by an endowment honoring Dr. Marvin Tile, renowned orthopaedic surgeon internationally known for the Tile Classification system of pelvic fractures and former Chief of Surgery at Sunnybrook Health Sciences Centre. This endowment supports an annual invitation for a world class surgeon with expertise in injury control, along with a journal club and research symposium held in conjunction with the Lecture.

Working closely with the trauma program at SickKids Hospital, we have also recently developed an initiative to bring together injury prevention experts from across the University. The annual Visiting Professor in Injury Prevention was first held in April of this year. Rounds on gun violence and sports concussion in youth were given at Sunnybrook and SickKids Hospital by our inaugural Visiting Professor, Dr. Fred Rivara, President of the International Society for Child and Adolescent Injury Prevention. Funding has now been acquired to support this important Lectureship for the next three years from the Dr. Tom Pashby Sports Safety Fund.

While our long term goal is an endowed chair to support the program, we have been very fortunate to have support from the Surgeon-in-Chiefs from our three trauma centres to bring our injury control community together.

THE U OF T TRAUMA PROGRAM
AIMS TO PROVIDE LEADERSHIP IN THE
DELIVERY OF SPECIALIZED CARE TO
SEVERELY 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



St. Michael's

SickKids

Sunnybrook



Surgery
UNIVERSITY OF TORONTO