

Frontline Trauma

RTN Newsletter June 2019

Collingwood Bus Crash

"Rural trauma is a thing people! Who has a camping or fishing trip planned this summer? Rural generalists are amazing in their ability to scope up. They are essential to our system."

Dr. Kylie Booth Collingwood ED Physician.

Greyhound bus vs. Minivan with 8 souls on board.
All children unrestrained and it's -15!

They used What's App to call in extra MD's and nurses texted their co-workers. Everyone did what they normally do, just faster. Transport to Sick Kids was arranged with a mix of Fixed Wing and Helicopters. Sick Kids got ages ahead of time, pre-registered kids as unknowns and drew up meds based on their approximate ages. "Unknown" ID did not work well. Writing a number on each patient would have been better. Code ORANGE was called off when last pt. arrived to the ED but it's not all about the ED. It took days for Sick Kids to get back on track!

Toronto Van Attack

Create micro-teams (MD, RN & RT). Registration of pts was painfully slow. Have MCI pts pre-registered with wrist bands already printed at all times. Surgical TTL needs to organize the surgeries from the ED. Call in the surgical oncologist to take out the spleen and have the trauma surgeon stay in the ED. Most surgeries had to be damage control then return at a later date. Rules change in MCI and people need to be ok with that. Sick patients in the ED who witnessed the MCI needed support after seeing/hearing the event. Prepare for media coverage & craze!

Disaster 101—Dr. Lori Mazurik

Simplify, simplify, simplify and keep drilling! Make it intuitive. In almost every scenario, the Code Orange procedures are abandoned. It's human behaviour. Accept it. Do what you normally do but faster! In an MCI, line of sight is critical—if you can't see it you will lose it. Get a white board on wheels. Pt. identification must be simple. Use a colour and animal "Blue Turtle" Jumbled numbers don't work. Don't even register the CTAS 4 & 5. Don't yell into the waiting room *"if you don't need to be here, please leave"* as sometimes the wrong people go! Do not resume normal activities the next day! Code Orange lasts for days in MDR, OR, ICU & units.

University of Toronto

Interdisciplinary Trauma Conference

The year 2018 will go down in Canadian history as being the biggest MCI year on record in years. Humboldt, Collingwood bus crash, Wa-wa crash, Stratford Van Crash, Danforth Shooting, Toronto Van Attack and Ottawa OC Bus crash were just some of the events that made the news. Below are highlights from the day.

Humboldt Bus Crash

"The ED expects an accurate report from the scene to help prepare. That wasn't possible so in an MCI, just expect the worst & get ready! The medic should not be focused on diagnosing the problems. Offset that cognitive load!"

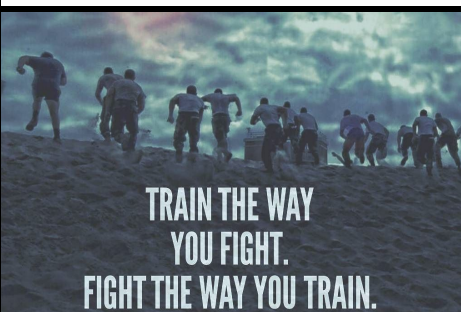
Dr. Jon Witt ED MD & STARS Transport MD

Prepare your team. Huddle and focus them. In an MCI you need strong leaders and good followers. Every pt. got a number with a sharpie T1, T2, T3 at one centre and N1, N2, N3.. at the other centre. Low tech but effective. Names are not important! Rural focus needs to be ABC's & repeat. No labs, CXR only. Diagnosis doesn't matter. The sending hospital should not have to coordinate transport of all the patients. There seemed to be a lot of hesitation to push the Code Orange button. Code Orange lasted one month! They ran out of everything!

Ottawa OC Bus Crash (with lessons from the Tornado summer before)

Tornado—No power & +30°. Generator only strong enough for one CT scan q 30 min. No cooling in ORs. Humidity caused fire alarms = no elevators. Lesson learned & did an exercise in the fall to test systems.

Bus crash—Friday @ 15:50 -30° All young pts and all had limb injuries. Triage happened at the scene but report from scene was not accurate. *"Don't worry about the report. Just deal with the real!"* *"In an MCI, we need good followers."* Dr. Jacinthe Lampron MD, Trauma Medical Director at TOH. Code Orange did not clear overnight nor over the weekend.



RTN AGM

Fri, Sept 27

"Pediatric Trauma"

MLPS

Headquarters