



Toronto

Sunnybrook
HEALTH SCIENCES CENTRE



WADDEM Congress on Disaster and Emergency Medicine • 25–28 April 2017

Friday, 28 April 2017

- 6:00AM - 7:00AM **Yoga (Ticketed)**
Room: Richmond Room
- 7:30AM - 8:30AM **Membership Committee Meeting**
Room: Yonge Room
- 8:45AM - 10:45AM **CS52: Mass Gatherings**
Chairs: Alison Hutton & Jamie Ranse
Room: Metropolitan Centre
- 8:45AM - 8:55AM **CS52-01: Influence of the Program on Patient Presentations at Outdoor Music Festivals**
Presenter: Alison Hutton - Newcastle University, Australia
 - 8:55AM - 9:05AM **CS52-02: A Proposed Minimum Data Set for Mass Gathering Health - Updates and Moving Forward**
Presenter: Malinda Steenkamp - Flinders University, Australia
 - 9:05AM - 9:15AM **CS52-03: A New Concept of Disaster Preparedness for Mass Gathering in Ethiopia: Experience from Indepth Conference of Addis Ababa, Ethiopia**
Presenter: Temesgen Abicho - Addis Ababa University, Ethiopia
 - 9:15AM - 9:25AM **CS52-04: Event Medical Life Support (EMLS): Event Medicine for Multidisciplinary Teams**
Presenter: Adam Lund - University of British Columbia, Canada
 - 9:25AM - 9:35AM **CS52-05: Human Stampedes: What Do We Know Today?**
Presenter: Maria Moitinho de Almeida - Karolinska Institutet, Sweden
 - 9:35AM - 9:45AM **CS52-06: Common Injuries of Marathon Runners in Nigeria, Epidemiology and Preparedness**
Presenter: Olurotimi Akinola - University of Witswatersrand, South Africa
 - 9:45AM - 9:55AM **CS52-07: Can the Patient Influx at Mass Gatherings be Predicted? A First Attempt to Crunch the Numbers**
Presenter: Stefan Gogaert - Belgian Red Cross-Flanders, Belgium



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- 9:55AM - 10:05AM **CS52-08: What Skills does a Physician Need at Mass Gatherings? An Analysis of more than 16.000 Patient Encounters that Required Medical Attention.**
Presenter: Annelies Scholliers - Belgian Red Cross-Flanders, Belgium
- 10:05AM - 10:15AM **CS52-09: The Most Prevalent Injuries at Different Types of Mass Gathering Events: An Analysis of More Than 150,000 Patient Encounters**
Presenter: Stefan Gogaert - Belgian Red Cross-Flanders, Belgium
- 10:15AM - 10:25AM **CS52-10: Mobile Response by Medical First Responders at a Music Festival**
Presenter: Matthew Munn - University of British Columbia, Canada
- 10:25AM - 10:45AM **Conclusions**
- 8:45AM - 10:45AM CS53: Ethics**
Chairs: Sue Anne Bell & Donal O'Mathuna
Room: Metropolitan West
- 8:55AM - 9:05AM **CS53-02: From the Front Lines: Trialing Research Ethics in the Time of Ebola**
Presenter: Elysee Nouvet - McMaster University, Canada
- 9:05AM - 9:15AM **CS53-03: Ethical Dilemmas during a Refugee Crises**
Presenter: Bryant Shannon - Massachusetts General Hospital, United States
- 9:15AM - 9:25AM **CS53-04: Moral Entanglement and the Ethics of Closing Humanitarian Medical Aid Projects**
Presenter: Matthew Hunt - McGill University, Canada
- 9:25AM - 9:35AM **CS53-05: Ethical Challenges of Providing End of Life Care in an Ebola Treatment Unit (2014-2015)**
Presenter: Heather Draper - University of Warwick, United Kingdom
- 9:35AM - 9:45AM **CS53-06: Ethical Challenges at the Intersection of Policy and Practice in Humanitarian Contexts**
Presenter: Leigh-Anne Gillespie - McMaster University, Canada
- 9:45AM - 9:55AM **CS53-07: Aid - When There is "Nothing Left to Offer": A Survey and Qualitative Study of Ethics and Palliative Care During International Humanitarian Emergencies**
Presenter: Lisa Schwartz - McMaster University, Canada
- 9:55AM - 10:05AM **CS53-08: Developing the Disaster Medical Assistant Team Education and**



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Training Program (DMAT)

Presenter: Soon-Joo Wang - Hallym University, Republic of Korea

- 10:05AM - 10:15AM **CS53-09: Vulnerable Populations: Investigating Ethical Implications for Policies and Practices of International Humanitarian Organizations**
Presenter: Lisa Eckenwiler - George Mason University, United States
- 10:15AM - 10:45AM **Conclusions**

- 8:45AM - 10:45AM CS54: Prehospital Care and Transport Medicine**
Chairs: Sean Smith & Sameer Mal
Room: Queens Quay

- 8:55AM - 9:05AM **CS54-02: So You Need to Suddenly Evacuate Hundreds of Hospital Patients - Without Power**
Presenter: Benjamin Abo - Alachua County Fire Rescue, United States

- 9:05AM - 9:15AM **CS54-03: EMS Preparedness to Arson Terror**
Presenter: Eli Jaffe - Magen David Adom in Israel, Israel

- 9:15AM - 9:25AM **CS54-04: Simulating Multi Casualty Incidents to Improve Preparedness of Potential Incident Commanders For Real Events**
Presenter: Avi Parush - Israel Institute of Technology, Israel

- 9:25AM - 9:35AM **CS54-05: Developing an Educational Intervention to Train Prehospital Responders in High Consequence Emerging Infectious Diseases**
Presenter: J Lee Jenkins - Univ of Maryland Baltimore County, United States

- 9:35AM - 9:45AM **CS54-06: Three-Wheeler Driver Training on Prehospital Emergency Care Service Provision in Anuradhapura Sri Lanka**
Presenter: Ayanthi Karunaratne - Teaching Hospital Anuradhapura, Sri Lanka

- 9:45AM - 9:55AM **CS54-07: Death in an Ambulance in Rural Haiti: Proper Care of the Recently Deceased**
Presenter: Benjamin Nicholson - Boston Medical Center, United States

- 9:55AM - 10:45AM **Conclusions**

- 8:45AM - 10:45AM WS33: CBRN - Establishing a Sustainable National Medical CBRN System for Hospitals**
Chair: Laurie A Mazurik
Room: Metropolitan East



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- Describe CBRNE detection and interagency alerting systems;
- Describe contents, organization, and distribution of CBRN emergency stockpiles;
- Describe the CBRN specialty teams for various incidents and list sources of real-time online or live telephonic sources of expert guidance.

8:45AM - 10:45AM WS34: Advanced Disaster & Preparedness (ADPR) Course

Chairs: Ziad Kazzi & Tim Davis
Room: Bay Room

8:45AM - 10:45AM WS35: French Track

Room: Wellington Room

• 8:45AM - 8:55AM WS35-01: A Pre-experimental Research to Investigate the Retention of Basic and Advanced Life Support Measures Knowledge and Skills by Nurses Following a Course in Professional Development in a Tertiary Teaching Hospital

Presenter: Ram Mehta - B. P. Koirala Institute of Health Sciences, Nepal

Les outils modernes au service de la catastrophe

Modérateurs: Dr. Marie-Andrée Roy, Dr. Jan Cedric Hansen

- 08:45 - Les médias sociaux et les bénévoles numériques en situation de désastre - Patrice Cloutier, Canada
- 09:05 - La traçabilité des victimes à l'ère du numérique - Maud Michaloux, France
- 09:25 - Le triage électronique vs. manuel - Valérie Homier, Canada

Le terrorisme moderne: comment optimiser notre réponse à ces nouveaux challenges

Modérateurs: Dr. Daniel Kolek, Dr. Benoit Vivien

- 09:45 - La préparation en cas de désastre dans les hôpitaux à travers le monde : divers modèles et idées à retenir - Daniel Kolek, Canada
- 10:05 - Le triage est-il indispensable en cas d'attentats multisites - Benoit Vivien, France
- 10:25 - Apport des Cindyniques dans le pilotage stratégique des crises/catastrophes - Jan Cedric Hansen, France

8:45AM - 10:45AM WS36: ICRC Operational Activities

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Chair: Erin Downey
Room: Yonge Room

International Committee of the Red Cross (ICRC) - Current Initiatives and Challenges

This plenary will provide an overview of the ICRC role in health contexts for conflict or wide-scale urban violence and discuss specific health programming in these settings. Topics include:

Legal frameworks for ICRC presence and operations: challenges for operational implementation and opportunities by advocacy and dissemination

Presenter: Andrew Carswell, International Committee of the Red Cross, United States

ICRC in Red Cross and Red Crescent (RCRC) Movement: the role the RCRC Movement as actor in humanitarian contexts; its relationship with other actors, e.g., WHO, MSF, other INGOs and local actors

Presenter: Päivi Laurila, International Committee of the Red Cross, Switzerland

Mental health and psychosocial support in urban violence: case study entitled “Healing Hidden Wounds” by Mexico ambulance services

Presenter: Andrew Carswell, International Committee of the Red Cross, United States

Health Care in Danger project: 1) establishing partners in protection and long-term health program efforts and 2) presenting the Security Survey for Health Care Facilities in Armed Conflict

Presenter: Erin Downey, International Committee of the Red Cross, United States

11:15AM - 12:45PM CS55: Mass Gatherings

Chairs: Alison Hutton & Penelope Leary
Room: Metropolitan Centre

- 11:15AM - 11:25AM CS55-01: First Aid Training and Comfort in Non-Medical Event Staff
Presenter: Matthew Munn - University of British Columbia, Canada
- 11:25AM - 11:35AM CS55-02: Effectiveness of Gamification of Mass-Gathering Health Concepts
Presenter: Riley Golby - University of British Columbia, Canada



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- 11:35AM - 11:45AM **CS55-03: Point of Care Ultrasound at a Remote Multi-Day Mass Gathering: A Prospective Case Series**
Presenter: Ross Prager - University of British Columbia, Canada
- 11:45AM - 11:55AM **CS55-04: Organization of Health Services and Risk Preparedness during the 2016 Rio de Janeiro Olympic Games**
Presenter: Elaine Miranda - Federal Fluminense University, Brazil
- 11:55AM - 12:05PM **CS55-05: Health Service Impact from Mass Gatherings: A Systematic Literature Review**
Presenter: Jamie Ranse - University of Canberra, Australia
- 12:05PM - 12:15PM **CS55-06: Interagency Collaboration in Mass Gatherings: The Case of Public Health and Safety Organizations in the 2012 London Olympic Games**
Presenter: Angeliki Bistaraki - City University London, United Kingdom
- 12:15PM - 12:45PM **Conclusions**
- 11:15AM - 12:45PM CS56: Prehospital Care and Transport Medicine**
Chairs: Sean Smith & Dirk Chisholm
Room: Queens Quay
- 11:15AM - 11:25AM **CS56-01: Does Rotor Wing Evacuation Shorten Total Prehospital Time? Analysis of Data from Southern Israel**
Presenter: Dagan Schwartz - Rabin Medical Center, Israel
- 11:25AM - 11:35AM **CS56-02: Prehospital Blood Product Administration Opportunities in Ground Transport ALS EMS Services - A Descriptive Study**
Presenter: Matthew Sztajnkrzyer - Mayo Clinic, United States
- 11:35AM - 11:45AM **CS56-03: Are Two Always Better than One? Is a Double Paramedic Prehospital System Necessary and Worth the Cost?**
Presenter: Kelly Klein - UT Southwestern Medical Center at Dallas, United States
- 11:45AM - 11:55AM **CS56-04: A Survey of 200 National Collegiate Emergency Medical Service Organizations**
Presenter: Daniel Wolbrom - St. George's University, Grenada
- 11:55AM - 12:05PM **CS56-05: Prehospital Double Sequential Defibrillation: A Matched**



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Case-Control Study

Presenter: Julian Mapp - San Antonio Uniformed Services Health Education Consortium, United States

- 12:05PM - 12:15PM **CS56-06: Frequent Users of Emergency Medical Services**
Presenter: Ari Salo - Helsinki University Hospital and University of Helsinki, Finland
- 12:15PM - 12:25PM **CS56-07: Prehospital Care at a Mass Endurance Event: The Chicago Marathon Experience**
Presenter: Anita Goyal - University of Illinois at Chicago, United States
- 12:25PM - 12:35PM **CS56-08: Analysis of Prehospital Scene Times and Interventions on Mortality Outcomes in Victims of Blunt and Penetrating Trauma**
Presenter: Matthew Sztajnkrycer - Mayo Clinic, United States
- 12:35PM - 12:45PM **Conclusions**

11:15AM - 12:45PM **WS37: Prehospital Care and Transport Medicine - Point-of-Transfer Perceptions and Problems Between EMS and the Emergency Department Personnel**

Chairs: Erin Smith & Kelly Klein
Room: Metropolitan East

This facilitated panel discussion representing researchers in Prehospital and emergency medical personnel from Australia and the United States will discuss vulnerabilities perceived during transfer of patients from Emergency Medical Services (EMS) control to that of the emergency department (ED) and obtain input from the Congress audience including a pre-distributed survey.

11:15AM - 12:45PM **WS38: French Track**

Room: Wellington Room

- 11:15AM - 12:00PM **Les nouvelles guerres et les réfugiés - Modérateurs: Dr. Marie-Andrée Roy, Dr. Nagi Souaiby**
 - 11:15 - L'accueil des réfugiés Syrien au Liban: les challenges - Nagi Souaiby, Liban
 - 11:40 - L'accueil des réfugiés Syriens au Québec - Caroline Dusablon, Canada



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- 12:00PM - 12:45PM **Table Ronde 2: Réponse citoyenne à la catastrophe**
Modérateur: Dr. Valerie Homier
 - Michel C. Doré, Lise Gauthier, Nagi Souaiby, Benoit Vivien

Entraînés ou non, les citoyens constituent la première vague de répondant lors de catastrophes. S'agit-il d'un palliatif à l'insuffisance des ressources organisées ou d'un réflexe social à valoriser?

- 11:15AM - 12:45PM **WS39: Emergency Radiology Plenary**
Chairs: Cathy Zhang & Savvas Nicolaou
Room: Yonge Room

- 11:15AM - 12:45PM **WS40: A Hospital Psychosocial Response and a Code Orange Event**
Chair: Alan Dick
Room: Bay Room

- 1:00PM - 1:30PM **PL06: Closing Ceremony**
Room: Metropolitan Centre

- 1:30PM - 3:30PM **WADEM Chapter Meeting**
Room: Yonge Room

- 2:30PM - 5:00PM **Post Congress Workshop: Utilizing Frameworks to Conduct Disaster Health Research (Ticketed)**
Chairs: Marvin Birnbaum & Elaine Daily
Room: Bay Room

3 days, 28-30 April, 2017

This workshop will focus on using Frameworks and the Disaster Logic Model (DLM) to systematically structure disaster research studies. The Frameworks and DLM, with defined terminology, will be presented and opportunities provided to utilize them in designing both epidemiological and interventional disaster studies.