

Program

Monday, 30 May 2011

WSI - Pre-Congress Workshop

13:00 - 17:00 Applying Principles of the National Disaster Life Support Program to Earthquake Response and Management: Incorporating Lessons from Recent Earthquakes into Education and Training MR 05 (307)

The four hour workshop will provide a review of the recent earthquakes around the world (Eg. Haiti, Chile, China, and New Zealand) and will include describe the medical and public health consequences using the DISASTER Paradigm as a teaching tool. The workshop will also include an earthquake simulation exercise which allow attendees to apply National Disaster Life Support principles to respond to an earthquake. The workshop will also discuss the global advances in the National Disaster Life Support Training Program.

- Objective 1 : The attendee will be able to discuss the medical and public health consequences of Earthquakes
- Objective 2 : The attendee will be able to describe the DISASTER Paradigm
- Objective 3 : The attendee will be able to apply the DISASTER Paradigm to a simulated earthquake exercise and drill

Faculty:

Italo Subbaro DO, MBA
Raymond Swienton MD, FACEP
Philip Coule MD, FACEP
Jack A. Horner
Richard Schwartz MD, FACEP
James J. James MD, DrPH, MHA

Tuesday, 31 May 2011

PL01

09:00 - 10:15 Opening Ceremonies and Welcome

Main Hall (Hall 1)

Welcoming Addresses by

Dr. Demetrios G. Pyrros, President, WADEM

Dr. Chen Zhu, Minister, Ministry of Health of the People's Republic of China

Dr. Poonam Singh, World Health Organization

Director of Office for Emergency Response

Prof. Li Chunsheng, President, Chinese Society for Emergency Medicine

Judith Fisher, Chair Scientific Committee

PL02

11:00 - 12:30 Earthquakes

Main Hall (Hall 1)

Chair: L. Svirchev, Vancouver/CA

11:00 - 11:45 PLE-01 - The Sichuan Injury Study

D. Guha-Sapir, Brussels/BE

11:45 - 12:00 PLE-02 - Sino British Medical Cooperation Following the Sichuan Quake

A. Redmond, Manchester/UK

12:00 - 12:15 PLE-03 - Disaster risk and impact perception among Rural Population Living in Remote Disaster-prone Area in Gansu Province, China

E. Chan¹, E. Cheung¹, K. K. Cheuk², P. Lee¹, C. L. Y. Lin³, E. Holroyd⁴;
1Nt/HK, 2Oxford/UK, 3Shatin/HK, 4Bundoora/AU

12:15 - 12:30 Discussion

BR01

13:45 - 15:15 Earthquakes MR 01 (201)

Chair: A. Redmond, Manchester/UK

13:45 - 14:00 **A-0001-The May 12, 2008 Wenchuan Earthquake: A Primer on China's Emergency Responses and Recovery Planning**
L. Svirchev¹, Y. Li², L. Yan³, C. He⁴, M. B. Lin³;
1Victoria, BC/CA, 2Vancouver, BC/CA, 3Chengdu/CN, 4Vancouver/CA

14:00 - 14:15 **A-0002-Strategies to Recover the Health Care Capacity Post Earthquake in Chile**
C. Bambaren, 33/PE

14:15 - 14:30 **A-0003-Health care facilities affected by the Earthquake in Chile**
C. Bambaren, 33/PE

14:30 - 14:45 **A-0004-Emergency Health Interventions in Earthquakes: Red Cross Experience from Haiti and Chile, 2010**
P. SAARISTO, T. ALOUDAT; Geneva 19/CH

14:45 - 15:15 **Discussion**

BR02

13:45 - 15:15 Overwhelmed: Developing crisis standards of MR 02 (HALL 3) care for catastrophic emergencies

Chair: M. Keim, 30303/US

13:45 - 13:50 **14-INTRODUCTION**
M. Keim, GA/US

13:50 - 14:10 **A-0005-A Model for Equitable Delivery of Care in Situations of Scarce Resources**
D. Hanfling, Falls Church/US

14:10 - 14:20 **Discussion**

14:20 - 14:40 **A-0006-Providing Austere Care in Mass Casualty Incidents: Experiences from China**
Z.-J. Feng, China

14:40 - 14:45 **Discussion**

14:45 - 15:05 **A-0007-Operationalizing Crisis Standards of Care: The Japanese Experience**
Y. Haraguchi

BR03

13:45 - 15:15 Urban Search and Rescue MR 03 (HALL 2A)

Chair: P. Ortenwal, /SE

13:45 - 14:30 **A-0008 - Urban Search and Rescue**
G. Seynaeve, Brussel/BE

14:30 - 14:40 **A-0009 - Search and Rescue Underestimated**
M. Gruskin, Gainesville, FL/US

14:40 - 14:50 **A-0010 - Animal Search and Rescue**
D. Green, Yarmouth Port, MA/US

14:50 - 15:15 **Discussion**

BR04

13:45 - 15:15 Psychosocial MR 04 (HALL 2B)

Chair: J. M. Shultz, Miami, FL/US

13:45 - 13:55 **A-0011-Beyond Illness and Trauma: A Study of the Interface between Disaster Mental Health and Recovery**
J. Joseph, S. Jaswal; 022/IN

13:55 - 14:05 **A-0012-From A Helpless Victim To A Coping Survivor: Innovative Mental Health Intervention Methods During Emergencies And Disasters**
M. Farchi, Upper Galilee/IL

14:05 - 14:15 **A-0013-Effective Proactive Outreach among Disaster Relief Workers (DRW) in an Emergency Mortuary (EM)**
E. DHONDT, A. HEULOT; Brussels/BE

14:15 - 14:25 **A-0014-Psychosocial support services in disasters - Indian Experiences**
K. Sekar, Bangalore/IN

14:25 - 14:35 **A-0015-Trauma Signature Analysis: Evidence-Based Guidance for Disaster Mental Health Response**
J. Shultz¹, Y. Neria², Z. Espinell¹, F. Kelly³; ¹Miami, FL/US, ²New York City, NY/US, ³Dublin/IE

14:35 - 15:15 **Discussion**

BR05

13:45 - 15:15 **Trauma and Emergency Medicine** MR 05 (307)

Chair: P. Halperin, /IL

13:45 - 13:55 **A-0016 - Using Geographical Information systems in Road Traffic Injury Research: A case study of New Mumbai, India**
A. Srikanth, B. Guru; Mumbai/IN

13:55 - 14:05 **A-0017-Epidemiology of Non-vehicular Trauma Patients in the Prehospital Setting in India**
N. Lodhia¹, M. Strehlow¹, E. Pirrotta¹, B. N. V. Swathi², A. Gimkala², S. Sistla², R. Rao², S. Mahadevan¹
¹Stanford, CA/US, ²Secunderabad/IN

14:05 - 14:15 **A-0018 - The Influence of Status and The Patterns Of Driving License Ownership Toward The Gradation of Open Fractures According to Sardjito Scoring System Suffered By Motorcycles Accident Patients In Emergency Department of Saiful Anwar General Hospital From April To June 2010**
T. Maharani¹, A. Haedar²; ¹Kediri/ID, ²Malang/ID

14:15 - 14:25 **A-0019-Establishing a Trauma Registry at the National Referral Hospital in Thimpu, Bhutan**
T. Nelp¹, N. Manice², S. Morris³; ¹Washington Dc/US, ²Washington, Dc/US, ³Boston, MA/US

14:25 - 14:35 **A-0020 - Injury Pattern and Disaster Plan for Landmines and Improvised Explosive Device Blast**
S. CHOUDHARY, New Delhi/IN

14:35 - 14:45 **A-0021 - Injury Patterns of Blast Type Antipersonnel Land Mine Victims**
A. Karunarathne, L. Dassanayake, D. Munidasa; Anuradhapura/LK

- 14:45 - 14:55 **A-0022 - Impact of Karachi Terrorist Bombing on an Emergency Department of a Tertiary Care Hospital**
H. Waseem, S. Shahbaz, J. Razzak; Karachi/PK
- 14:55 - 15:05 **A-0023 - Mass Casualty Incident and terrorist attack preparedness of German hospitals and physicians compared to Austria, Switzerland, the USA and a worldwide collective**
P. Fischer¹, C. Nitsche¹, K. Kabir¹, A. Wafaisade¹, S. Müller¹, M. Rohner¹, T. Kees²; ¹Bonn/DE, ²Tübingen/DE
- 15:05 - 15:15 **Discussion**

BR06

- 13:45 - 15:15 Education Training MR 06 (305 AB)**
Chair: M. Schneider, /DE

- 13:45 - 14:05 **A-0024-An disaster education framework to bridge natural disaster medical response and primary care development in developing countries**
E. Chan¹, S. Wong², S. Griffiths², C. Graham²; ¹Nt/HK, ²Hong Kong/HK
- 14:05 - 14:15 **A-0025-Does Community Emergency Care Initiative Improves The Knowledge, Skill And Attitude Of Healthcare Workers And Laypersons In Basic Emergency Care In India?**
S. Bhoi, N. Thakur, S. Chauhan, R. Kumar, D. Aggarwal, V. Gulati, C. Sawhney; 110029/IN
- 14:15 - 14:25 **A-0026 - Promoting Emergency Preparedness of Local Municipalities for Disasters – Lessons Learned**
R. Ringel, D. Laor, A. OHANA, B. Adini; Tel Aviv/IL
- 14:25 - 14:35 **A-0027-Traumatic Wound Management by Bystanders – Myths**
V. Raju, Hyderabad/IN
- 14:35 - 14:45 **A-0028 - A Matter of Degree: Teaching "Disaster" and "Emergencies" to Public Safety Executives**
J. Carroll, Pembroke Pines/US
- 14:45 - 14:55 **A-0029 - Effect of Institutional Education and Exercise Programs on Knowledge, Views, and Compliance during Unusual Biological Events**
O. Benin-Goren, E. Miller, I. Dallal, J. Abu Hanna; Tel Aviv/IL
- 14:55 - 15:15 **Discussion**

BR07**13:45 - 15:15****Risk Reduction****MR 07 (305 C)**

Chair: D. Markenson, /US

13:45 - 14:00

A-0030 - Risking It All on Risk Assessment – Why Risk Assessment Is Broken In Disaster Medicine And How We Can Fix It

J. Arnold, San Jose, CA/US

14:00 - 14:10

A-0031 - Integrating Health Volunteers into Community-Based Disaster Risk Reduction

M. Keim, 30303, GA/US

14:10 - 14:20

A-0032 - Emergency Preparedness in Louisiana Nursing Programs – Response Roles, Impacts, and Competencies

K. Andress, Shreveport, LA/US

14:20 - 14:30

A-0033 - Application of the Modular Emergency Medical System (MEMS) for Community Response to All-Hazards Public Health Emergencies

R. Gougelet, Lebanon, NH/US

14:30 - 14:40

A-0034 - Space technology to support disaster risk reduction and emergency medical and rescue teams

S. Ravan, J. Szarzynski, D. Stevens; Vienna/AT

14:40 - 14:50

A-0035 - Building national and community resilience

A. McAslan, Adelaide, SA/AU

14:50 - 15:00

A-0036 -What is there to show for the last 5 years?

V. Smyth, Adelaide, SA/AU

15:00 - 15:10

A-0037 - Characteristics and Evaluation of China's Earthquake Disaster Management SystemsL. Svirchev¹, Y. Li², L. Yan², C. He³, B. L. Ma²; ¹Victoria, BC/CA, ²Chengdu/CN,³Vancouver/CA

15:10 - 15:15

Discussion

BR08**13:45 - 15:15****Civil Military****MR 08 (308)**

Chair: K. Sundnes, /NO

13:45 - 13:55

A-0038 - Global Health Cluster Position Paper

13:55 - 14:05

A-0039 - Civil-military collaboration in trauma training

L. Lundberg, P. Ortenwall; Västra Frölunda/SE

14:05 - 14:15

A-0040 - Military and Civilians in Australian Disaster Medical Assistance Teams

A. Robertson, T. Weeramanthri; East Perth, WA/AU

14:15 - 14:25

A-0041 - Perceptions of Military Medical Disaster Training

D. Higgins, San Antonio, TX/US

14:25 - 14:35

A-0042 - Development of Slovene Military Medical Unit

A. Strahovnik, Celje/SI

14:35 - 14:45

A-0043 - Are Injuries due to Terrorism and War Similar? A Comparison of Civilians and Soldiers

K. Peleg, Ramat Gan/IL

14:45 - 15:15

Discussion**BR09****13:45 - 15:15****Credentialing and Accreditation Panel****MR 09 (311)**

Chair: M. Birnbaum, Madison, WI/US

A discussion between a selection of academics from around the world on Credentialing and Accreditation

BR10**13:45 - 15:15****Nursing Session****MR 10 (HALL 2C)**

Chair: E. Smith, Cairns/AU

13:45 - 13:55

A-0045 - When Nothing is Left Standing: Nursing's Integral Role during Disaster Response in Indonesia and Haiti

G. Hynes, Santa Monica, CA/US

13:55 - 14:05

A-0046 - Health Volunteers during the Mt. Merapi Eruption: What Did Nursing Students Learn?

E. Rochmawati, Bantul/ID

14:05 - 14:15

A-0047 - Disaster Nurses in Developing Countries: Strengthening Disaster Nurses' competencies through training and disaster drillsL. Hilmi¹, R. Bristow², S. Balsari², D. Anthony², M. Vortman², H. Cordi², D. Gonzales², A. Heerboth²; ¹Bel Air/US, ²New York/US

14:15 - 14:25

A-0048 - The Role of Nurse Leader and Humanitarian: Disaster Planning, Management, and Evaluation

J. McGlown, Indianapolis, IN/US

14:25 - 14:35

A-0049 - Disaster Content varies in Australian Postgraduate Tertiary Emergency Nursing Courses: Implications for Educational PreparednessJ. Ranse¹, P. Arbon², R. Shaban³, J. Considine⁴, B. Mitchell⁴, S. Lenson⁵; ¹Canberra, ACT/AU, ²Adelaide, SA/AU, ³Brisbane, QLD/AU, ⁴Melbourne, VIC/AU, ⁵Canberra/AU

14:35 - 14:45

A-0050 - The Nurse as Incident Commander

D. Persell, State University/US

14:45 - 14:55

A-0051 - Facilitating disaster nursing research in Oceania RegionV. Plummer¹, T. Telepo², S. Suryanto³; ¹Frankston/AU, ²Port Moresby/PG, ³Malang/ID

14:55 - 15:15

Discussion

BR11

16:00 - 17:30 **Japan Earthquake 2011** **MR 01 (201)**

Chair: T. Ukai, Japan

16:00 - 17:20 **Eastern Japan Triple Disaster; Earthquake, Tsunami, and Nuclear – urgent report**

Panelists

Dr. Masafumi Nishizawa, Dept. Internal Medicine, Shizugawa Public Hospital

Dr. Shinichi Nakayama, Hyogo Emergency Medical Center

Dr. Kazuma Morino, Dept. Emergency Medicine, Yamagata University Hospital

Dr. Hisayoshi Kondo; National Tokyo Disaster Medical Center

17:20 - 17:30 **A-0084a - The importance of interagency communications in the tsunami disaster stricken area in the 2011 East Japan Great Earthquake**

M. Ogasawara, K. Ito, K. Saito; Aomori-ken/JP

17:20 - 17:30 **Discussion**

BR12

16:00 - 17:30 **Overwhelmed: Developing crisis standards of care for catastrophic emergencies CONT.** **MR 02 (HALL 3)**

Chair: M. Keim, 30303/US

16:00 - 16:20 **A-0056-Providing Austere Care in Mass Casualty Incidents: Experiences from Latin America**

J. L. Poncelet, Washington/US

16:20 - 16:30 **Q&A**

16:30 - 16:50 **A-0056a-International Health Regulations Treaty: The Grand Experiment**

F. Burkle, Ma/US

16:50 - 17:00 **Q&A**

17:00 - 17:30 **A-0057 - Panel Discussion - Integrating Crisis Standards of Care Principles into International Disaster Response Plans**

Panelists

Mark Keim, *moderator*

Dan Hanfling

Zi-Jian Feng

Yoshikura Haraguchi

Jean Luc Poncelet

Frederick "Skip" Burkle

BR13

16:00 - 17:30 Evaluation Reporting Guidelines MR 03 (HALL 2A)

Chair: M. Birnbaum, Madison/US

16:00 - 16:15 **A-0058 - Guidelines for reports on health crises and critical health events - a tool for the development of disaster medicine research**
P. Kulling¹, M. Birnbaum², V. Murray³, G. Rockenschaub⁴;
1Stockholm/SE, 2Madison/US, 3London/UK, 4Copenhagen/DK

16:15 - 16:30 **A-0059 - Advent of the CONFIDE Guidelines for Disaster Medicine Reporting**
D. Bradt¹, P. Aitken²; 1Baltimore/US, 2Townsville/AU

16:30 - 16:45 **A-0060 - Collection of disaster information in the emergency phase: an NGO view**
Y. Takada, T. Ukai; Kobe/JP

16:45 - 17:00 **A-0061 - Utstein-Style Template for Uniform Reporting of Medical Response in Disasters and Health Crises**
M. Debacker¹, EMDM Academy Consensus Group²; 1Brussels/BE, 2Geneva/CH

17:00 - 17:15 **A-0062 - Real World Event Data Collection and Analysis for After Action Reporting**
J. Schlegelmilch, J. Paturas, R. Smith; New Haven/US

17:15 - 17:30 **Discussion**

BR14**16:00 - 17:30****Psychosocial****MR 04 (HALL 2B)**

Chair: J. M. Shultz, Miami, FL/US

16:00 - 16:10

A-0064 - EU project: European Guideline for Target Group Oriented Psychosocial Aftercare-ImplementationS. Vymetal¹, R. Bering², A. Diestler³, M. Rooze⁴, C. Schedlich², G. Zurek⁵, F. Orengo⁶;¹Prague/CZ, ²Krefeld/DE, ³Cologne/DE, ⁴Amsterdam/NL, ⁵Dusseldorf/DE, ⁶Madrid/ES

16:10 - 16:20

A-0065 - Stress & Trauma Studies Program (STSP): Theoretical & Practical Emergency Mental Health interventions studies for BA social work students

M. Farchi, Upper Galilee/IL

16:20 - 16:30

A-0066 - Integration of Psycho-social Social Support and Mental Health Services in to National Disaster Management Guidelines

J. Christy, New Delhi/IN

16:30 - 16:40

A-0067 - Empowerment Model for Community Disaster (EMCD)

M. Farchi, E. Shahar; Upper Galilee/IL

16:40 - 16:50

A-0063 - A community home-based family treatment model in disaster areasM. Gelkopf¹, R. Berger²; ¹Haifa/IL, ²Beer Sheba/IL

16:50 - 17:10

A-0068 - 7 Options for Evolving the Concept of Disaster HealthA. Allen¹, J. Shultz², Z. Espinel²; ¹Miami Shores, FL/US, ²Miami, FL/US

17:10 - 17:30

Discussion

BR15**16:00 - 17:30****Trauma and Emergency Medicine****MR 05 (307)**

Chair: A. O'Rourke, /US

- 16:00 - 16:10 **A-0069 - Epidemiological Study of Trauma in Pregnancy: An Emergency Department-Based Study of a Level-1 Trauma Center**
G. Sharma¹, S. Bhoi², P. Gautam³, G. Adhikari³, D. . T. Sinha³, P. Manral³, M. Rodha¹;
1New Delhi/IN, 2110029/IN, 3Delhi/IN
- 16:10 - 16:20 **A-0070 - Traumatic brain injuries at a rural teaching hospital: pattern of presentation and documentation**
A. Agrawal¹, A. Kakani², N. Baisakhiya¹, S. Galwankar¹, S. Dwivedi¹;
1Ambala/IN, 2Wardha/IN
- 16:20 - 16:30 **A-0071 - Prospective Evaluation of “Focused Assessment with Sonography for Trauma” done by Emergency Physicians, and its Comparative Analysis with Radiologist's Performance**
T. P. Sinha¹, S. Bhoi², S. kumar³, A. Bhasin¹, M. Rodha¹; 1110029/IN, 2New Delhi/IN, 3Delhi/IN
- 16:30 - 16:40 **A-0072 - Efficacy of Parental Opioid Analgesics versus Non-Opioid Analgesic in Acute Pain Management of Trauma Victims in the Emergency Department**
G. Adhikari¹, S. Bhoi², P. Gautam¹, T. P. Sinha¹, M. Rodha³, L. Kurrey³, A. Bhasin³; 1New Delhi/IN, 2110029/IN, 3Delhi/IN
- 16:40 - 16:50 **A-0073 - Burden of maxillofacial trauma at level trauma 1 centre**
S. Sagar, M. Singhal, K. Kataria, S. Kumar, A. Gupta, B. Mishra; Delhi/IN
- 16:50 - 17:00 **A-0074-Reducing the Potential for Tourniquet Associated Reperfusion Injury**
J. van der Velde, G. Iohom, L. Serfontein; Cork/IE
- 17:00 - 17:10 **A-0076-Advance in thoracic trauma management**
C. Graham, Nt/HK
- 17:10-17:30 **Discussion**

BR16**16:00 - 17:30 EMS - Performance Measurement****MR 06 (305 AB)**

Chair: J. Overton, /US

- 16:00 - 16:10 **A-0077 - Should Response Times Continue to be Used for Performance Measurement and Targets?**
J. Turner, Sheffield/UK
- 16:10 - 16:20 **A-0078 - EMS System Assessment & GAP Analysis**
T. Skeen, Greenwood Village/US
- 16:20 - 16:30 **A-0079 - Where do ED Patients Come From?**
J. Rego¹, G. FitzGerald², S. Toloo³; ¹Kelvin Grove, QLD/AU, ²Brisbane/AU, ³Brisbane, QLD/AU
- 16:30 - 16:40 **A-0080 - Nationwide Study to Improve Door-to-Balloon Times In Patients With Acute ST Elevation Myocardial Infarction Requiring Primary Percutaneous Coronary Intervention Using Prehospital ECG Transmission**
M. Ong, A. Wong, S. G. Teo, C. M. Seet, B. L. Lim, D. Foo, S. M. Lai, S. H. Ong, F. Lee, K. P. Chan, V. Anantharaman, T. Chua, P. P. Pek, H. H. Li; Singapore/SG
- 16:40 - 16:50 **A-0081 - Curing Overcrowding and Boosting Patient Flow in a High Volume, Low Capacity Emergency Department**
J. Arnold, I. G. Ferguson, A. Montefusco, C. Nguyen; San Jose, CA/US
- 16:50 - 17:00 **A-0082 - Triage in the prehospital setting**
A. Khorram- Manesh, A. Hedelin, P. Ortenwall; Gothenburg/SE
- 17:00 - 17:10 **A-0083 - Pediatric Disasters: Key Elements for Improving Care**
S. Mace¹, C. Doyle²; ¹Cleveland, Ohio, OH/US, ²Ann Arbor, Michigan/US
- 17:10 - 17:20 **A-0084 - Video documentation as a supplemental teaching tool for multi-focused emergency management exercises**
C. Tedeschi¹, L. Hilmi², S. Balsari³; ¹New York, NY/US, ²Bel Air/US, ³New York/US
- 17:20 - 17:30 **Discussion**

BR17**16:00 - 17:30****Triage Discussion****MR 07 (305 C)**

Chair: K. Koenig, /US

16:00 - 16:15

A-0052 - The Effectiveness of Dispatch Triage

E. Racht, Greenwood Village, CO/US

16:15 - 16:30

A-0053 - Pediatric Mass-Casualty Triage: The New York City Approach

A. Cooper, D. Gonzalez, M. Frogel, A. Flamm, D. Prezant, M. Goldfeder, M. Treiber, M. Tunik, K. Uraneck, G. Foltin; New York, NY/US

16:30 - 16:45

A-0054 - In Hospital Triage

D. Walter, Manchester/UK

16:45 - 17:00

A-0055 - Field Triage

N. Roy, Mumbai/IN

17:00 - 17:30

Discussion**BR18****16:00 - 17:30****Effects of Climate Change** Chair: G. E. A.**MR 08 (308)**

Khalifa, Abu Dhabi/AE

16:00 - 16:10

A-0085 - Analysis of Health Risk Perception and Behavior Changes during Elevated Temperatures for an Urban Chinese PopulationE. Chan¹, J. Kim², P. Lee¹, C. L. Y. Lin¹; ¹Shatin/HK, ²Hong Kong/HK

16:10 - 16:20

A-0086 - Emergency Department Patient Presentations during the 2009 Heatwave in AdelaideL. Mayner¹, P. Arbon²; ¹Adelaide, SA/AU, ²Adelaide/AU

16:20 - 16:30

A-0087 - Sea-Level Rise Disaster in Micronesia: Sentinel Event for Climate Change?

M. Keim, 30303, GA/US

16:30 - 16:40

A-0088 - Public Health Consequences of Climate Change in the Republic of Palau: A Photojournalism ProjectM. Mahany¹, S. Kuartei², P. Marumoto²; ¹Atlanta, GA/US, ²Koror/PW

16:40 - 16:50 **A-0089 - The Greenhouse Effect In Nigeria**
D. Sanya, 01/NG

16:50 - 17:30 **Discussion**

BR19

16:00 - 17:30 Public Health – NLM MR 09 (311)

Chair: A. Robertson, Australia

16:00 - 17:30 **A-0044 - ROADMAP TO DISASTER MEDICINE AND PUBLIC HEALTH INFORMATION**
S. Arnesen, E. Norton; Bethesda, MD/US

BR20

16:00 - 17:30 Nursing Session MR 10 (HALL 2C)
Chair: P. Arbon, /AU

16:00 - 16:15 **A-0090 - Expectation of nurses during a disaster**
E. Daily, Madison, WI/US

16:15 - 16:30 **A-0091 - Nurses preparedness for dispatching to a disaster zone**
V. Smyth, Adelaide, SA/AU

16:30 - 16:45 **A-0092 - Nurses work during a disaster**
K. Gebbie, Adelaide, SA/AU

16:45 - 17:00 **A-0093 - Disaster research framework for nurses**
P. Arbon, Adelaide, SA/AU

17:00 - 17:30 **Discussion**

Wednesday, 1 June 2011

PL03

09:00 - 09:45 **EMS Issues - New Resuscitation Guidelines, an International Perspective** **Main Hall (Hall 1)**

Chair: J. Fisher, /UK

09:00 - 09:45 **PLE-04 - EMS Issues - New Resuscitation Guidelines, an International Perspective**
A. Barelli, Rome/IT

PL04

09:45 - 10:15 **Gate Keeping in Out of hospital Care** **Main Hall (Hall 1)**

Chair: J. Fisher, /UK

09:45 - 10:15 **PLE-05 - Gate Keeping in Out of Hospital Care**
J. Overton, Salt Lake City/US

PL05

11:00 - 12:30 **Haiti** **Main Hall (Hall 1)**

Chair: C. de Ville de Goyet, /BE

11:00 - 11:10 **PLE-06 - Médecins Sans Frontières Surgical Response to the 2010 Haiti Earthquake**
A. Ronnse¹, P. McMaster², P. Herard³, C. Devecchis⁴, J. von Schreeb⁵;
1Brussels/BE, 2Amsterdam/NL, 3Paris/FR, 4Barcelona/ES, 5Stockholm/SE

11:10 - 11:20 **PLE-07 - Implementing an Animal and Attitudinal Survey in Port-au-Prince**
D. Green, Yarmouth Port, MA/US

11:20 - 11:30 **PLE-09 - US Medical Response to the Earthquake in Haiti: Lessons Learned**
S. Briggs, L. C. Chang; Boston, MA/US

- 11:30 - 11:40 **PLE-10 - Response to a Faraway Disaster: Lessons Learned from an Israeli Field Hospital Deployment in Haiti**
Y. Kreiss¹, A. Bar², O. Merin³, K. Peleg⁴, G. Levy¹, S. Vinker¹, R. Sagi¹, A. Abargel¹, C. Bartal⁵, G. Lin⁶, E. Bar-On⁷, M. Schwaber¹, N. Ash¹; ¹Medical Corps, Israel Defence Force/IL, ²Home Front Command, And Israel Defense Forces Medical Corps Surgeon General/IL, ³Shaare Zedek Medical Center, Hebrew University, Jerusalem/IL, ⁴Ramat Gan/IL, ⁵Soroka University Medical Center And Ben-gurion University Of The Negev, Beer-sheva/IL, ⁶The Western Galilee Hospital, Nahariya/IL, ⁷Schneider Children's Medical Center, Petah Tikva, Israel./IL
- 11:40 - 11:50 **PLE-11 - Who were they and what did they do? Assessment of Foreign Field Hospitals in Haiti**
M. Gerdin, A. Wladis, J. von Schreeb; Stockholm/SE
- 11:50 - 12:00 **PLE-12 - Access to Water, Sanitation and Hygiene in Internally Displaced Persons Settlements in Port-au-Prince, Haiti at 5 months Post-Earthquake**
D. Morof¹, M. Schneider², J. Ratto¹, C. Blanton¹, T. Handzell¹; ¹Atlanta/GE, ²Washington Dc/US
- 12:00 - 12:10 **PLE-13 - Haiti Experience as an Example of Recent International Humanitarian Activities Conducted by Ministry of Health of Turkish Republic**
A. ÇOŞKUN, F. İNAN, S. TEKELİ YEŞİL, M. DEMİRKASIMOĞLU, M. GÜLEÇ, S. ATASOY; Ankara/TR
- 12:10 - 12:30 **Discussion**

BR21

13:45 - 15:15 Haiti MR 01 (201)

Chair: J. Paturas, /US

- 13:45 - 13:55 **A-0094 - Information for Action? Analysis of Needs Assessment Reports Available on the Internet following the 2010 Haiti Earthquake**
A. Wefer, J. von Schreeb; Stockholm/SE
- 13:55 - 14:05 **A-0096 - Process Improvement in Disaster Relief: Improvement of Disaster Resource Utilization through Systematic Organization**
C. Bloem, R. Gore, B. Arquilla, T. Naik, J. Schechter; Brooklyn/US

- 14:05 - 14:15 **A-0097 - Social Media and Social Networks in Disaster Management: The Haiti Model**
G. Vroegindewey, College Park, Maryland/US
- 14:15 - 14:25 **A-0098 - Animal Relief Coalition of Haiti (ARCH): A Collaborative Approach to Animal Relief and Recovery.**
D. Green, Yarmouth Port, MA/US
- 14:25 - 14:35 **A-0099 - Remote Access and Extrication, the Haiti Experience**
L. Paladino¹, M. Lucchesi²; ¹Brooklyn/US, ²Brooklyn, NY/Us
- 14:35 - 14:45 **A-0100 - Building Local Resilience and Competencies in Remote Haitian Communities**
R. Gore¹, C. Bloem¹, B. Arquilla¹, P. Roblin²;
¹Brooklyn, NY/US, ²Brooklyn/US
- 14:45 - 14:55 **A-0101 - Gender Difference of the Damage in Haiti Earthquake Disaster**
M. HATA¹, J. TANAKA², Y. YAMAHATA³, K. OKUCHI¹;
¹Kashihata, Nara/JP, ²Fukuoka/JP,³Kyoto/JP
- 14:55 - 15:15 **Discussion**

BR22

13:45 - 15:15 The Role of the Military in Humanitarian Relief MR 02 (HALL 3)

Chair: F. M. Burkle,

13:45 - 14:25 **Civil-Military Actions in Disasters**
R. Zoraster, Honolulu, HI/US

14:25 - 15:15 **Panel Discussion**
K. Peleg. Ramat Gan/IL
K.O Sundness, Norway
H. Shike, China

BR23

13:45 - 15:15 **2004 Tsunami - Health Aspects** **MR 03 (HALL 2A)**

Chair: P. Singh,

13:45 - 15:15 **Panel Discussion**
M. Birnbaum, Madison/US
R. Ofrin
P. Singh, WHO

BR24

13:45 - 15:15 **Education and Training** **MR 04 (HALL 2B)**

Chair: G. Seynaeve, /BE

13:45 - 13:55 **A-0102 - Training Agricultural Emergency Responders**
P. Cowen, Fort Collins, Co, CO/US

13:55 - 14:05 **A-0103 - Understanding Terror Medicine**
L. Cole, Newark, NJ/US

14:05 - 14:15 **A-0104 - Simulation in Disaster and Emergency Medicine**
G. E. Khalifa, Abu Dhabi/AE

14:15 - 14:25 **A-0105 - A Core Curriculum for Nurses in Disaster Preparedness and Response**
L. Chang, S. Briggs; Boston, MA/US

14:25 - 14:35 **A-0106 - Nursing Simulation in Disaster Management**
D. Moore¹, K. Atchison², J. Boone³;
1Costa Mesa, CA/US, 2Anaheim, CA/US, 3Ontario/US

14:35 - 14:45 **A-0107 - VictimBase: Disaster Victim Descriptions for Simulation, Training and Research.**
M. Debacker¹, M. Boosman², W. van Norel², J. Tryan³;
1Brussels/BE, 2Delft/NL, 3Ottawa/CA

14:45 - 14:55 **A-0108 - Hospital Disaster Planning; the structured approach**
G. E. Khalifa, Abu Dhabi/AE

14:55 - 15:15 **Discussion**

BR25**13:45 - 15:15****Disaster Preparedness: Education****MR 05 (307)**

Chair: D. Morof, Atlanta/GE

13:45 - 13:55

A-0109 - Health Workforce and disaster preparedness of rural hospitalsL. Siegloff¹, L. Cusack², P. Arbon², A. Hutton², L. Mayner²; ¹Adelaide, SA/AU, ²Adelaide, SA/AU

13:55 - 14:05

A-0110 - A Survey of Health Professions Students Attitudes Towards and Knowledge of Emergency Preparedness

D. Markenson, M. Reilly; New York, NY/US

14:05 - 14:15

A-0111 - Role, Resources, and Clinical and Educational Backgrounds of Nurses who Participated in the Prehospital Response to the 2009 Bushfires in Victoria, AustraliaJ. Ranse¹, S. Lenson²; ¹Canberra, ACT/AU, ²Canberra/AU

14:15 - 14:25

A-0112 - Development of Model Medical Care Protocols for Alternate Care Sites during Pandemics and Public Health Emergencies

D. Markenson, M. Reilly; New York, NY/US

14:25 - 14:35

A-0113 - Ethics in the delivery of humanitarian health response: Learning from the narratives of health care workersL. Redwood-Campbell¹, M. Hunt², L. Schwartz¹, C. Sinding¹, L. Elit¹, S. De Laat¹, J.Ranford¹; ¹Hamilton/CA, ²Montreal/CA

14:35 - 14:45

A-0114 - Disaster medical services system in Hyogo prefecture from the lessons of the Great Hanshin-Awaji Earthquake

S. Nakayama, S. Kozawa, T. Ukai; Kobe/JP

14:45 - 14:55

A-0115 - Disaster Preparedness and Learning Habits of the German Security and Rescue Forces: a SurveyP. Fischer¹, J. Christian¹, A. Wafaisade¹, T. Kees¹, K. Kabir¹, M. Müller², M. Rohner¹, S. Müller¹, B.Schneider³; ¹Bonn/DE, ²Göttingen/DE, ³Tuebingen/DE

14:55 - 15:05

A-0116 - Emergency Medical Education Design

L. Chuanzhu, China

15:05 - 15:15

Discussion

BR26**13:45 - 15:15 Safety Function Action Part 1****MR 06 (305 AB)**

Chair: J. M. Shultz, Miami, FL/US

The SFA short course for disaster responders presents a flexible framework for DISASTER HEALTH that integrates medical, public health, and psychosocial components. Faculty: Dr. James M. Shultz Director, DEEP Center, University of Miami School of Medicine Miami, FL, US Dr. Andrea Allen Associate Dean, ACE, Barry University Miami Shores, FL, US

13:45 - 14:05 SAFETY FUNCTION ACTION (SFA) Overview

14:05 - 14:35 "PREPARE" Skills Set

14:35 - 15:05 SFA Strategies for Disaster RESPONDERS

15:05 - 15:15 Discussion

BR28**13:45 - 15:15 Emergency Medical Research****MR 08 (308)**

Chair: S. Stratton, /US

13:45 - 14:00 **A-0117 - Outcomes and Quality of Life After Injury**
J. Turner, J. Nicholl; Sheffield/UK14:00 - 14:15 **A-0118 - Evidence-based disaster medicine: What can we learn from a "science" spread across 900 journals?**
E. Smith¹, F. Burkle², P. Aitken³, F. Archer¹; 1./AU, 2Ma/US, 3Townsville/AU14:15 - 14:25 **A-0119 - Ethical Issues in the Review and Conduct of Research during Active Conflicts: Reflections from Darfur, West Sudan**
G. Hussein, Riyadh/SA14:25 - 14:35 **A-0120 - Implementation of advanced technologies in emergency medicine**
S. Aleksanin, V. Rybnikov; Saint-petersburg/RU14:35 - 14:45 **A-0121 - Relation Of Dopamine Dependent Hypotension with Outcome in Cervical Spine Injury Patients**
A. T, D. Agarwal; New Delhi/IN

- 14:45 - 14:55 **A-0122 - Using Focused Operations Management Tools to Analyze and Alleviate Emergency Department Overcrowding.**
D. Schwartz¹, B. Ronen², J. Pliskin¹, A. Goldberg¹; ¹Beer Sheva/IL, ²Tel Aviv/IL
- 14:55 - 15:05 **A-0123 - Developing world disaster Health research - Present Evidence and Future priorities**
H. Ralte, N. Roy, K. Chatterjee, V. More; Mumbai/IN
- 15:05 - 15:15 **Discussion**

BR29

13:45 - 15:15 Pediatrics MR 09 (311)

Chair: B. Arquilla, /US

- 13:45 - 13:55 **A-0124a - Developing Pediatric Emergency Preparedness Performance Measures**
D. Markenson, M. Reilly; New York, NY/US
- 13:55 - 14:05 **A-0126 - Cardiac Trauma in Children**
D. Krivchenya, Y. Rudenko, P. Sokur; Kyiv/UA
- 14:05 - 14:15 **A-0127 - Major trauma in a Swedish paediatric population – a survey of children admitted to a neuro intensive care unit (NICU)**
L. Franzén, Göteborg/SE
- 14:15 - 14:25 **A-0128 - Awareness and Preparedness of Western Children's Hospitals for Disasters**
A. Fette, Weissach Im Tal/DE
- 14:25 - 14:35 **A-0129 - A Pediatric Surgeon's Viewpoint of a Concealed Disaster**
A. Fette¹, K. Paya²; ¹Weissach Im Tal/DE, ²Astana/KZ
- 14:35 - 14:45 **A-0130 - Advantages of apparatus of external fixation in severe injuries of extremities in children**
A. Karabenyuk, A. Levitskiy; Kiev/UA
- 14:45 - 14:55 **A-0131 - Surgical help to children in disasters and wars**
L. Roshal, Moscow/RU
- 14:55 - 15:15 **Discussion**

BR30**13:45 - 15:15****Migration/Special Populations****MR 10 (HALL 2C)**

Chair: S. Vymetal, Prague 7/CZ

13:45 - 13:55

A-0132 - Animals and Refugees

G. Vroegindewey, College Park, Maryland/US

13:55 - 14:05

A-0133 - Emergency response and vulnerable older people: some keys for better practices

D. Maltais, T. Maala; Chicoutimi, QC/CA

14:05 - 14:15

A-0134 - Special Needs of the Elderly During Disasters – Suggested Strategies and Lessons Learned from the 2007 Tulsa, Oklahoma Ice StormJ. Gulden¹, M. Stewart², C. Stewart²; 1M5g2v1, ON/CA, 274137, OK/US

14:15 - 14:25

A-0135 - Preliminary Results of Post-Flooding Impacts on Rural Elderly in Hainan Province, ChinaE. Chan¹, C. L. Y. Lin¹, P. Lee¹, I. Zheng², E. Cheung¹, S. C. Lam²; 1Nt/HK, 2Hong Kong/HK

14:25 - 14:35

A-0136 - Eldery in Emergency

C. Saenz, Lomas De Zamora/AR

14:35 - 14:45

A-0137 - Prediction of Short-Term Functional Outcomes of Older People in the Emergency Department

P. Kumar, A. B. Dey; 110029/IN

14:45 - 14:55

A-0138 - Duration of Emergency Department Stay and Injury Profile of Homeless Patients in a Level-1 Trauma CenterS. Chauhan¹, S. Bhoi¹, D. . T. Sinha¹, M. Rodha², L. Alexender², R. Kuamr²; 1110029/IN,2Delhi/IN

14:55 - 15:05

A-0139 - Profile of Likely Needs in a Disaster Alternate Site Care in Honolulu, Hawaii

K. Qureshi, Honolulu, HI/US

15:05 - 15:15

Discussion

BR31**16:00 - 17:30****Exercises/Simulations****MR 01 (201)**

Chair: A. Cooper, /US

16:00 - 16:10

A-0140 - An analysis of national survey on disaster drill by emergency medical centers in Korea

S. J. Wang, Seoul/KR

16:10 - 16:20

A-0141 - Hospital Preparedness for a Large Scale Biological Drill

O. Benin-Goren, E. Miller, I. Dalla; Tel Aviv/IL

16:20 - 16:30

A-0142 - Simulated evacuation of three critical hospital departments: a comparisonE. DHONDT¹, D. LAUWAERT¹, C. HENDRICKX²; ¹Brussels/BE, ²Leuven/BE

16:30 - 16:40

A-0143 - European Project SICMA (Simulation of Crisis Management Activities) for Medical Management of Maxi Emergency Trauma Patients

S. Magalini, M. Di Mugno, A. De Gaetano, G. La Posta, D. Sermoneta, D. Gui; Rome/IT

16:40 - 16:50

A-0144 - Health Status Casualty Model for Simulation of Crisis Management Activities (EU SICMA project)

M. Di Mugno, S. Magalini, A. De Gaetano, G. La Posta, D. Sermoneta, D. Gui; Rome/IT

16:50 - 17:00

A-0145 - Simulation for the Assessment and Optimization of Medical Disaster Management

E. DHONDT, F. VAN UTTERBEEK, C. Ullrich, M. Debacker; Brussels/BE

17:00 - 17:10

A-0146 - Disaster Patient Tracking – Local, State and Federal Interoperability during a Multi-hospital Evacuation ExerciseK. Andress¹, E. Downey²; ¹Shreveport, LA/US, ²New Orleans, LA/US

17:10 - 17:20

A-0147 - Pediatric Medical Surge: An Exercise Evaluation Guide

E. Weber, Chicago, IL/US

17:20 - 17:30

Discussion

BR32**16:00 - 17:30****Editor's Summit****MR 02 (HALL 3)**

Chair: D. Bradt, /AU

Panel Discussion**A-0148 - American Journal of Disaster Medicine**

S. Briggs, Boston/US

A-0149 - AMA Journal

J. James

A-0150 - Pre-Hospital and Disaster Medicine

M. Birnbaum, Madison/US

A-0150a - Journal of Emergency Medicine (BMA)

D. Walter, Manchester/UK

BR33**16:00 - 17:30****Resuscitation: Cardiac and Stroke****MR 03 (HALL 2A)**

Chair: L. Mayner, Adelaide, SA/AU

16:00 - 16:10

A-0151 - Non-Traumatic Out-of-Hospital Arrests: Initial Cardiac Arrhythmia, Circadian Differences and Cause of Death

V. Alicia, C. Yih Chong Michael, S. Eillyne; Singapore/SG

16:10 - 16:20

A-0152 - Comparison Of Load Distributing Band And Standard Cardiopulmonary Resuscitation In Patients Presenting With Cardiac Arrest To Emergency Department

M. Ong, P. Sultana, S. Fook-Chong, A. Annitha, S. H. Ang, L. Tiah, K. L. Yong; Singapore/SG

16:20 - 16:30

A-0153 - Analysis of Chest Compressions: Measured Using the Quality Compression Index and Performance Disparities Among Demographic CharacteristicsJ. Schwab¹, A. Williams¹, M. Birnbaum¹, Z. Emberts², P. Padjen³, A. Bhattacharya¹, S.Olson¹; ¹Madison/US, ²Minneapolis, MN/US, ³Oshkosh/US

- 16:30 - 16:40 **A-0154 - A comprehensive thrombolysis service for patients with acute ischemic stroke administered prehospital and in an emergency department in northern Taiwan**
Y. Chen¹, C. Chen¹, C. Chiang¹, G. Peng¹, R. Tzeng¹, H. Huang¹, C. Huang¹, W. Wu¹, K. Hsiung¹, H. Liu²; ¹Taipei City/TW, ²New Taipei City/TW
- 16:40 - 16:50 **A-0155 - Acute Myocardial Infarction with Upper Gastrointestinal Bleeding.**
S. TANDON, P. Bordoloi, T. KOLE; New Delhi/IN
- 16:50 - 17:30 **Discussion**

BR34

16:00 - 17:30 **Competencies** **MR 04 (HALL 2B)**
Chair: E. Daily, /US

- 16:00 - 16:05 **Introduction**
- 16:05 - 16:15 **A-0156 - Performance Indicators: Technical, Physical and Mental Readiness**
J. McDonald, Ottawa, ON/CA
- 16:15 - 16:25 **A-0157 - Interprofessional Education as a Vehicle to Instill Teamwork Mentality for Disaster Preparedness and Response in Healthcare Professional Students**
S. Mackintosh, D. McClure; Pomona, CA/US
- 16:25 - 16:35 **A-0158 - Preventing Disasters: Public Health Vulnerability Reduction as a Sustainable Adaptation to Climate Change**
M. Keim, 30303, GA/US
- 16:35 - 16:45 **A-0159 - Core Competencies for Emergency Preparedness Education for Health Profession Schools**
D. Markenson, M. Reilly; New York, NY/US
- 16:45 - 17:30 **Discussion**

BR35**16:00 - 17:30** **Disaster Preparedness: Planning** **MR 05 (307)**

Chair: A. Loretto, /IT

16:00 - 16:10 **A-0162 - Preparing Plans! Helping First Responders Prepare the Population**

K. Simon-Agolory, K. Z. Watkins; Wilberforce/US

16:10 - 16:20 **A-0163 - Hospital evacuation plan**

A. Khorram- Manesh, C. Nero, P. Ortenwall; Gothenburg/SE

16:20 - 16:30 **A-0163a - Gold-Medal Performance: "Operational Readiness Assessments" for High-Risk Workplaces**

J. McDonald, Ottawa, ON/CA

16:30 - 16:40 **A-0164 - Emergency Preparedness Model for a Level-One Trauma Center**

T. Rives, C. Hecht, A. Wallace, R. Gandhi; Fort Worth/US

16:40 - 16:50 **A-0165 - Red Cross Health ERUs, a modular approach to the challenge of evolving emergencies**

R. Meagher¹, T. Tingberg²; ¹Ottawa, ON/CA, ²Oslo/NO

16:50 - 17:00 **A-0166 - Disaster Risk Reduction - Extreme Heat Preparedness**

V. Smyth, Adelaide, SA/AU

17:00 - 17:10 **A-0167 - Patient Tracking in Disaster Drills**

L. Hilmi¹, A. Heerboth¹, D. Anthony², C. Tedeschi³, S. Balsari¹; ¹New York/US, ²New York/US, ³New York, NY/US

17:10 - 17:30 **Discussion**

BR36**16:00 - 17:30** **Safety Function Action Part 2** **MR 06 (305 AB)**

Chair: J. M. Shultz, Miami, FL/US

16:00 - 16:30 "RESPOND" Skills Set

16:30 - 17:00 SFA Strategies for Disaster SURVIVORS

17:00 - 17:10 SFA and Future Directions for Disaster Health

17:10 - 17:30 Discussion and Close

BR37

16:00 - 17:30 **EMS - Treatment and Transport** **MR 07 (305 C)**

Chair: J. Overton, /US

16:00 - 16:10 **A-0168 - Medicine at Sea**
J. Fisher, UK

16:10 - 16:20 **A-0171 - Is There a Need to Reconsider the Policy of Evacuating All Casualties from a Remote Mass Casualty Incident (MCI) to the Closest Hospital? Lessons Learned from a Rural MCI**
B. Adini¹, R. Cohen¹, E. Glassberg¹, B. Azaria², D. Simon¹, K. Peleg¹;
1Ramat Gan/IL,2Ramlia/IL

16:20 - 16:30 **A-0172 - Does Prehospital Delay Change Trauma Outcomes in Mumbai?**
V. Kumar, P. Suryawanshi, S. Dharap, N. Roy; Mumbai/IN

16:30 - 16:40 **A-0172a - Development of Emergency Medical System in High Speed Train and Station**
S. J. Wang, H. J. Byun; Seoul/KR

16:40 - 16:50 **A-0174 - Epidemiology, Seasonality, and Geo-distribution of Trap Gun Injuries in Anuradhapura Area**
L. Dassanayake, A. Karunaratne, T. Illangasinghe; Anuradhapura/LK

16:50 - 17:00 **A-0175 - Traffic Injury Severity Prediction by Algorithm of Automatic Crash Notification System**
S. J. Wang, H. Y. Choi; Seoul/KR

17:00 - 17:30 **Discussion**

BR38

16:00 - 17:30 **Trauma Resuscitation** **MR 08 (308)**

Chair: C. Santiago, /US

16:00 - 16:15 **A-0176 - Mechanical ventilation in disasters: "to intubate or not to intubate – that is the question!"**
P. Halpern, Tel Aviv/IL

- 16:15 - 16:25 **A-0177 - Acute Resuscitation of Unstable Trauma Patient Diagnosis and Therapy during Emergency Period**
- 16:25 - 16:35 **A-0178 - Evaluating the Feasibility of Verbal Analogue Scale among Emergency Care Providers in Assessment and Management of Acute Pain in Trauma Victims**
G. Adhikari¹, S. Bhoi², S. Chauhan¹, T. P. Sinha¹, P. Gautam³; ¹New Delhi/IN, ²110029/IN, ³Delhi/IN
- 16:35 - 16:45 **A-0179 - A survey of Rapid Sequence Intubation (RSI) complications in Imam Hossein Medical Center carried out by emergency residents**
H. Hatamabadi, I. Golkhatir, A. Amini, M. Alavi Moghadam; Tehran/IR
- 16:45 - 16:55 **A-0180 - Predictors and outcomes of acute respiratory failure among the patients with 2009 H1N1 pneumonia in our emergency department**
L. Zhi, China
- 16:55 - 17:05 **A-0181 - Process Improvement in Disaster Relief: Implementation of a Fast Track in a Haitian Tent Hospital**
C. Bloem¹, R. Gore², B. Arquilla², T. Naik¹, J. Schechter¹; ¹Brooklyn/US, ²Brooklyn, NY/US
- 17:05 - 17:30 **Discussion**

BR39

16:00 - 17:30 Infectious Diseases MR 09 (311)

Chair: N. Roy, Mumbai/IN

- 16:00 - 16:10 **A-0182 - Model to Assess Geo-Temporal Spread of Disease by Air Travel from Major World Cities to the United States**
G. Hwang¹, T. Wilson²; ¹McLean, VA/US, ²Atlanta, GA/US
- 16:10 - 16:20 **A-0183 - Needs and Challenges for Capacity Building under the "One Health Umbrella" in a Small, Developing Country- a case report on pandemic influenza preparedness in Bosnia and Herzegovina**
S. Cornwell¹, N. Fejzic²; ¹Tampa, FL/US, ²Sarajevo/BA
- 16:20 - 16:30 **A-0185 - Did the Ministry of Health's Intervention Increase Compliance of Medical Teams to be Vaccinated Against H1N1?**
B. Adini, D. Laor, T. Hornik-Luria, A. Goldberg, L. Aharonson-Daniel; Tel Aviv/IL

- 16:30 - 16:40 **A-0186 - Edward Via College of Osteopathic Medicine (VCOM) Honduras Dengue Outbreak Emergency Response Case Study**
D. Sutphin, D. Tooke-Rawlins, J. Willcox, J. Muller; Blacksburg, VA/US
- 16:40 - 16:50 **A-0187 - Red Cross Volunteers' Roles in Epidemic Control: Community-Level Interventions during Cholera Outbreaks in Zimbabwe and Haiti**
P. SAARISTO, T. ALOUDAT; Geneva 19/CH
- 16:50 - 17:00 **A-0188 - Foot and Mouth Disease Continuity of Business Planning for the U.S. Dairy Industry**
P. Hullinger¹, D. Bickett-Weddle², T. Goldsmith³, J. Roth², J. Zack⁴; ¹Davis, CA/US, ²Ames, IA/US, ³Minneapolis, MN/US, ⁴Riverdale, MD/US
- 17:00 - 17:10 **A-0189 - The U.S. National Veterinary Stockpile: Science-Based Logistics Improving Animal Disease Response**
L. Myers, L. Myers; Good Hope, GA/US
- 17:10 - 17:20 **A-0190 - Strategic National Stockpile: American Preparedness to a Domestic Biological Attack**
A. Piombino, Pennsauken, NJ/US
- 17:20 - 17:30 **Discussion**

BR40

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|----------------------|---|------------------------|
| 16:00 - 17:30 | Migration/ Special Populations
Chair: K. Maull, /US | MR 10 (HALL 2C) |
|----------------------|---|------------------------|
- 16:00 - 16:10 **A-0191 - Health Sector Coordination following Civil Conflict in Sri Lanka, 2009**
T. Ranasinghe¹, K. Wickramage², E. Vithana¹, H. Herath¹; ¹Colombo 10/LK, ²Colombo/LK
- 16:10 - 16:20 **A-0193 - Concurrent Measles and Rubella Outbreaks in Transit Camps in Cote d' Ivoire**
I. Kouadio¹, H. Oshitani¹, T. Kamigaki¹, A. Koffi², H. ATTOH-TOURE³; ¹18575/JP, ²Tokyo/JP, ³Abidjan/CI
- 16:20 - 16:30 **A-0194 - "Displaced Voices": Are Those Displaced by War Satisfied with the Provision and Quality of Health Care They Received?**
K. Wickramage¹, R. Surentrikumaran²; ¹Colombo/LK, ²Jaffna/LK

- 16:30 - 16:40 **A-0195 - Planning for Special Needs and Vulnerable Populations in Disaster Care**
C. Doyle¹, S. Mace²; ¹Ann Arbor, MI/US, ²Cleveland, Ohio, OH/US
- 16:40 - 16:50 **A-0196 - Psychological Distress, Quality of Life and Post-traumatic Stress among Tsunami affected People With Disabilities**
S. Satapathy¹, S. KAsi²; ¹1110002/IN, ²Bangaluru/IN
- 16:50 - 17:00 **A-0197 - Attitudes toward Public Assistance during a Disaster among Patients with Rheumatoid Arthritis**
J. Tomio¹, H. Sato², H. Mizumura³; ¹Kawasaki/JP, ²Tokyo/JP, ³Asaka/JP
- 17:00 - 17:10 **A-0198 - Bringing H1N1 Vaccinations to Vulnerable Populations**
P. Bollinger, S. Baird, D. Giard, G. Higginson; Portland, OR/US
- 17:10 - 17:30 **Discussion**

Thursday, 2 June 2011

PL06

- 09:00 - 09:45 Reflections on Future Crises and the Challenges for Disaster Medicine Main Hall (Hall 1)**
- Chair: M. Birnbaum, Madison/US

- 09:00 - 09:45 **PLE-13 - Reflections on Future Crises and the Challenges for Disaster Medicine**
F. Burkle, Ma/US

PL07

- 09:45 - 10:15 Presentation of the Safar Award Main Hall (Hall 1)**

PL08

- 11:00 - 12:30 Dispelling the Fog in Humanitarian Response Main Hall (Hall 1)**
- Chair: D. Bradt, /AU

BR41**11:00 - 12:30****Foreign Medical Teams after disasters****MR 01 (201)**

Chair: A. Redmond, Manchester/UK

13:45 - 14:05

A-0199 - Defining the problem

D. van Alphen

14:05 - 14:15

A-0200 - Receiving foreign medical teams. The Haiti experience

C. Serena

14:15 - 14:25

A-0201 - Definition/classification of foreign medical teams

L. Redwood-Campbell, Hamilton/CA

14:25 - 14:45

A-0202 - When should field hospitals be dispatched?

J. von Schreeb, Stockholm/SE

14:45 - 14:55

A-0203 - Medico-legal issues

P. SAARISTO, Geneva 19/CH

14:55 - 15:15

Discussion**BR42****13:45 - 15:15****CBRNE****MR 02 (HALL 3)**

Chair: A. Ziegler, /AT

13:45 - 13:55

A-0204 - Importance of Emergency Response Program Organizations in Coping with the Increasing Risk of CBRN Events

M. Ranghieri, M. Guidotti, A. Rossodivita; Milan/IT

13:55 - 14:05

A-0205 - Management of Mass Casualties and Associated Health Effects following Chemical or Radiological agent release: Results of the European Union MASH study, 2008–2010.

D. Baker, London/UK

14:05 - 14:15

A-0206 - Simulation of an Emergency Situation Caused by Biochemical IncidentP. Čech¹, V. Bures¹, T. Otcenaskova², K. Antos², J. Vaněk¹; ¹Brno/CZ, ²Hradec Kralove/CZ

- 14:15 - 14:25 **A-0207 - Resuscitation of Casualties following Exposure to Toxic Chemicals: What is New?**
D. Baker, London/UK
- 14:25 - 14:35 **A-0208 - The Management of HazMat Incident in Hong Kong**
C.T. Shing, China
- 14:35 - 14:45 **A-0209 - Developing Medical Facility Preparedness for Radiological HazMat Emergencies: Applying Surge Science**
H. C. S. Lim, A. Cheong, Y. L. Cai; Singapore/SG
- 14:45 - 14:55 **A-0210 - Chemical Sensor Trial for Nerve Agent Differentiation: Impact of Hydrogen Bonds on Detection**
A. Oztuna, H. Nazir; Ankara/TR
- 14:55 - 15:05 **A-0211 - Nanosciences and CBRN Threats: Considerations About the Potential Risk of Illicit Use of Nanosystems**
A. Rossodivita, M. Guidotti, M. Ranghieri; Milan/IT
- 15:05 - 15:15 **Discussion**

BR44

13:45 - 15:15 Recent Events/Emergency Medicine Case Studies MR 04 (HALL 2B)

Chair: C. T. J. Doyle, Ann Arbor, Michigan/US

- 13:45 - 13:55 **A-0212 - The 2008 Mumbai Terrorist Attacks and the Changing Pattern of Violent Injuries**
Y. Tanwar, V. Kaushik, N. Roy, S. Sinha, B. Guru; Mumbai/IN
- 13:55 - 14:05 **A-0213 - Review Of The Mass Casualty Incident After A Bomb Explosion In A Crowded Restaurant**
S. Shettar¹, K. Kelkar¹, A. Jamkar², Y. Gawali¹, V. Kapil³, S. Sasser³, R. Hunt³, S. Basavaraju³, S. Galwankar⁴;
1Pune/IN, 2Nashik/IN, 3Atlanta/US, 4Tampa/US
- 14:05 - 14:15 **A-0214 - Road War; A 200-vehicle crash, Special Report**
G. E. Khalifa, Abu Dhabi/AE

- 14:15 - 14:25 **A-0215 - Delayed Diagnosis of Injury in Survivors of the February 2009 Crash of Flight TK 1951**
I. L. E. Postma¹, J. Winkelhagen¹, T. Bijlsma², F. Bloemers¹, M. Heetveld³, J. C. Goslings¹; ¹Amsterdam/NL, ²Hoofddorp/NL, ³Haarlem/NL
- 14:25 - 14:35 **A-0216 - Ashmore Reef Boat Explosion: A Nightmare Scenario that Became a Reality**
M. Leclercq, A. Robertson; East Perth, WA/AU
- 14:35 - 14:45 **A-0217 - Success Indicators of Emergency Medical Management: A Building Collapse Disaster**
S. Satapathy¹, A. Banerjee², A. Bahl²; ¹1110002/IN, ²New Delhi/IN
- 14:45 - 14:55 **A-0218 - The Challenge of the Mexican Oil Spill, (mc252)**
Y. Wu, Baton Rouge/US
- 14:55 - 15:05 **A-0219 - Development of a Hospital Disaster Plan for Countries with Limited Resources**
F. Plani, Johannesburg/ZA
- 15:05 - 15:15 **Discussion**

BR45

13:45 - 15:15 **Mass Gathering** **MR 05 (307)**

Chair: M. Barbeschi¹, Z. Liu²; ¹CH,
²Shanghai/CN

- 13:45 - 14:00 **A-0220 - An MG theory component presenting the conceptual model of activities at MGs ranging from acute event-oriented to systemic health legacy opportunities**
M. Borbecchi
- 14:00 - 14:15 **A-0221 - Medical Preparedness for EXPO 2010 Shanghai China**
Z. Liu, Shanghai/CN
- 14:15 - 14:30 **A-0222 - Terrorist Threats to Mass Gatherings: Managing CBRNE**
K. Koenig
- 14:30 - 14:45 **A-0223 - Work with IOC or a case study on Beijing Olympics**
X. Zhen
- 14:45 - 15:00 **A-0224 - Case study on Shanghai Expo Health Promotion**
P.B. Embark

- 15:00 - 15:15 **A-0225 - Lessons Learned at the Commonwealth Games: A Mass-Gathering Sporting Event in New Delhi, India**
A. Madan, Mumbai/IN
- 14:45 - 14:55 **A-0218 - The Challenge of the Mexican Oil Spill, (mc252)**
Y. Wu, Baton Rouge/US
- 14:55 - 15:05 **A-0219 - Development of a Hospital Disaster Plan for Countries with Limited Resources**
F. Plani, Johannesburg/ZA
- 15:05 - 15:15 **Discussion**

BR46

- 13:45 - 15:15 **Disaster Preparedness** **MR 06 (305 AB)**
Chair: E. Downey, /US

- 13:45 - 13:55 **A-0226 - Establishing a Framework for Synchronizing Critical Decision Making with Information Analysis During a Health/Medical Emergency**
J. Paturas, J. Pelazza, R. Smith; New Haven/US
- 13:55 - 14:05 **A-0227 - Tension Between Emergency Management Policy Decisions and Aged Care Facilities in Australia: A Case Study.**
L. Cusack¹, L. Siegloff¹, P. Arbon¹, A. Hutton¹, L. Mayner²; ¹Adelaide, SA/AU, ²Adelaide, SA/AU
- 14:05 - 14:15 **A-0228 - Evaluation of the "Health Legal Preparedness" Model in the Context of Emergency Response in Israel**
O. Cohen, P. Feder-Bubis, Y. Bar-Dayana; Beer Sheva/IL
- 14:15 - 14:25 **A-0229 - Financing Emergency And Disaster Treatment: A Proactive Funding Approach**
E. Oladimeji, B. ADEBIYI, D. AKEREDOLU; Lagos/NG
- 14:25 - 14:35 **A-0230 - Emergency Medical Preparedness for Disaster Risk Reduction: The Role of Health Sector Personnel - An Overview**
B. Mulam, New Delhi/IN
- 14:35 - 14:45 **A-0231 - Deficiencies in the Preparedness of Emergency Medical Services Providers for Terrorist Incidents involving Children**
M. Reilly, New York, NY/US

14:45 - 14:55 **A-0232 - Volcanic Eruptions: Health Consequences and Preventive Health Measures—An Overview**
A. Rossodivita, Milan/IT

14:55 - 15:05 **A-0233 - Preparedness for a Mega Mass-Casualty Event (MMCE)**
A. Blumenfeld, Tel Aviv/IL

15:05 - 15:15 **Discussion**

BR47

13:45 - 15:15 Syndromic Surveillance and Early Outbreak Detection MR 07 (305 C)

Chair: M. Reilly, New York, NY/US

13:45 - 15:15 **A-0233a - EMS data based Syndromic Surveillance and Early Outbreak Detection**

BR48

13:45 - 15:15 Disaster Management MR 08 (308)

Chair: K. Peleg, Tel-aviv/IL

13:45 - 13:55 **A-0234 - Disasters ; As an opportunity to train and prepare for future disasters**
T. Ranasinghe¹, E. Vithana², H. Herath², L. Pattuwage³; ¹Colombo 10/LK, ²Colombo/LK, ³Melbourne/AU

13:55 - 14:05 **A-0235 - Australian Medical Assistance Teams in Australia**
A. Robertson, M. Leclercq, S. Poke; East Perth, WA/AU

14:05 - 14:15 **A-0236 - National Guidelines on the Management of the Dead after Disasters**
J. BHARDWAJ¹, T. SACHDEVA²; ¹Gurgoan/IN, ²New Delhi/IN

14:15 - 14:25 **A-0237 - Management of the Dead during Mass Casualty Disasters in South Asia: Perspectives of the First Decade of the 21st Century**
C. Perera¹, C. Briggs²; ¹Galle/LK, ²Melbourne, VIC/AU

14:25 - 14:35 **A-0238 - Optimizing Medical Response to Large-Scale Disasters: The Ad Hoc Collaborative Healthcare System**
K. Peleg¹, A. Lipski¹, Y. Kreiss², N. Ash²; ¹Ramat Gan/IL, ²Tel-Hashomer/IL

14:35 - 15:15 **Discussion**

BR49**13:45 - 15:15****Spanish Session****MR 09 (311)**

Chair: S. Castelblanco, /CO

13:45 - 13:55

A-0239 - Programa Hospital Seguro y Unidad Médica Segura en México

F. Cruz Vega, P. Cruz Flores, P. Cruz Flores; Mexico/MX

13:55 - 14:05

A-0240 - Preparación de Hospitales de Alta Complejidad ante un Saldo Masivo de Víctimas

R. Ruiz, G. Ramírez, F. Reyes; Puebla, Pue./MX

14:05 - 14:15

A-0241 - Impacto Socioeconómico del “Huracán Karl” sobre instalaciones de salud en Veracruz, México con una población de 7 millones 600 mil habitantes en Septiembre del año 2010

P. Cruz Flores, Sta. Catarina Mártir. Cholula/MX

14:15 - 14:25

A-0242 - Evaluación de emergencia sobre Agua y Saneamiento en brote epidémico de Cólera (Artibonite, Haití Octubre 2010)

J. Baena Izquierdo, K. García Pulido, F. Cabello Sanabria, P. Muñoz Martínez, D. Sevillano Borowski, J. Reyes Remedios; Madrid/ES

14:25 - 14:35

A-0243 - Características de estudios de posgrado en el área de la salud

R. Ruiz, G. Ramírez, F. López; Puebla, Pue./MX

14:35 - 14:45

A-0244 - El Riesgo de la Interrupcion

C. Saenz, Lomas De Zamora/AR

14:35 - 15:15

Discussion**BR50****13:45 - 15:15****French Session: Emergency Medicine****MR 10 (HALL 2C)**Chair: J. Pitteloud¹, F. Lévy²; ¹Sion/CH, ²Mulhouse/FR

13:45 - 14:00

Introduction

14:00 - 14:15

A-0245 - Le secours à personnes, de la difficulté d'une doctrine unique

J. Bassetti, Narbonne/FR

14:15 - 14:30

A-0246 - Secourisme aux permis de conduire: quel programme retenir ?

P. LAUWICK, Paris/FR

- 14:30 - 14:45 **A-0247 - infirmier pompier**
J. IACINO, Serres Ste Marie/FR
- 14:45 - 15:00 **A-0248 - Médecin en zone d'exclusion lors d'un accident chimique**
L. Ronchi, C. Decanlers; Nogent Le Rotrou/FR
- 15:00 - 15:15 **Discussion**

BR51

- 16:00 - 17:30 Foreign Medical Teams after disasters MR 01 (201)**
Chair: A. Redmond, Manchester/UK

- 16:00 - 16:20 **A-0249 - Triage and levels of care**
P. Halpern, Tel Aviv/IL
- 16:20 - 16:40 **A-0250 - Should field medical teams cooperate?**
P. McMaster, Amsterdam/NL
- 16:40 - 17:30 **Discussion**

BR52

- 16:00 - 17:30 Public Health MR 02 (HALL 3)**
Chair: D. Pyrros, /GR

- 16:00 - 16:10 **A-0251 - Factors of Diarrheal Outbreak, Bihar Floods-2008**
A. Kumar, S. Gupta; Mumbai/IN
- 16:10 - 16:20 **A-0252 - Impact of Protracted, Intrastate Conflict on Population Health in Manipur, India**
V. Kaushik, S. Nair, Y. Tanwar, S. Sinha, N. Roy; Mumbai/IN
- 16:20 - 16:30 **A-0253 - Integrated Community-based Interventions to Overcome a Deadly Cholera Outbreak in Zimbabwe**
M. Yao, Geneva/CH
- 16:30 - 16:40 **A-0254 - The Dutch post-disaster response strategy**
E. Hall1, J. van der Ree1, C. Stom1, F. Greven2; 1Bilthoven/NL, 2Groningen/NL

- 16:40 - 16:50 **A-0255 - Medication Preparedness During Wildfire Evacuations**
L. Mayner¹, S. Stratton²; ¹Adelaide, SA/AU, ²Los Angeles/US
- 16:50 - 17:00 **A-0256 - Public Health: A Portal to Peace**
G. Vroegindewey, College Park, Maryland/US
- 17:00 - 17:10 **A-0257 - Enhancing Human Resources for Health in Crisis: Experience from the War-Affected Districts of Sri Lanka**
K. Wickramage¹, T. Ranasinghe¹, A. Zwi²; ¹Colombo/LK, ²Sydney, NSW/AU
- 17:10 - 17:30 **Discussion**

BR53

16:00 - 17:30 Triage Discussion MR 03 (HALL 2A)

Chair: J. Arnold, San Jose, CA/US

- 16:00 - 16:10 **A-0258 - Is it S.M.A.R.T. to S.T.A.R.T. to S.A.L.T. M.A.S.S. Casualty Victims?**
R. Alson, Winston-salem, Nc/US
- 16:10 - 16:20 **A-0259 - Objective Triage in the Disaster Setting: Will Children and Expecting Mothers be Triageed Like Others?**
T. Kouliev, Beijing/CN
- 16:20 - 16:30 **A-0260 - Triage Decision-making in Intoxication**
A. Mirhaghi¹, G. R. Mohammadi², M. Asghari³; ¹Mashhad/IR, ²Neishabour/IR, ³Gonabad/IR
- 16:30 - 16:40 **A-0261 - Evolution of Triage Services in the Emergency Department Aga Khan University Hospital- Karachi**
M. Khursheed, K. Ejaz, F. Hanif; Karachi/PK
- 16:40 - 16:50 **A-0262 - Use of Portable Ultrasound in Triage in Field Settings**
H. Y. YUEN, E. Chan, A. Ahuja; Shatin/HK
- 16:50 - 17:00 **A-0263 - Electronic Triage System**
N. Bajow¹, S. Alkhalil²; ¹Riyadh/SA, ²Amman/JO
- 17:00 - 17:10 **A-0264 - Does the Implementation of START Triage Criteria in the Emergency Department Reduce Over- and Under-Triage of Patients?**
R. Kumar¹, S. Bhoi¹, S. Chauhan², T. P. Sinha¹, G. Adhikari¹, G. Sharma¹, K. Shyamla¹; ¹New Delhi/IN, ²110029/IN
- 17:10 - 17:30 **Discussion**

BR54**16:00 - 17:30****Recent Events/Emergency Medicine Case Studies****MR 04 (HALL 2B)**

Chair: H. Wartatmo, /ID

16:00 - 16:10

A-0265 - Emergency Services in catastrophic flooding in Poland (2010 experience)P. Gula¹, E. Szafran²; ¹Krakow/PL, ²Warsaw/PL

16:10 - 16:20

A-0266 - HuMA Disaster Relief Medical Mission for Flood-affected Victims in the Islamic Republic of Pakistan

N. Ninomiya, H. Lin, K. Ogura, K. Suzuki, S. Maekawa, M. Kuno, Y. Sugamura, T. Ukai; Tokyo/JP

16:20 - 16:30

A-0267 - Factors Influencing the Diarrheal Outbreak in the 2010 Pakistan Flood

S. Gupta, A. Kumar; Mumbai/IN

16:30 - 16:40

A-0268 - Lessons Learned: Western Australia's Health Sector Resilience during a Severe Storm

M. Leclercq, A. Robertson; East Perth, WA/AU

16:40 - 16:50

A-0269 - Lightning Injuries: A Case Series

C. Yih Chong Michael, B. Russelle, G. Hsin Kai; Singapore/SG

16:50 - 17:00

A-0270 - Medical Reserve Corps, American Red Cross, and a University: Lessons Learned from their Partnership during the Ice Storm

D. Persell, State University/US

17:00 - 17:10

A-0271 - Building Resilient Healthcare Systems During Natural Disasters —Impacts of the 2007 Tulsa, Oklahoma Ice StormJ. Gulden¹, B. Pond², M. Stewart², C. Stewart²; ¹M5g2v1, ON/CA, 274137, OK/US

17:10 - 17:20

A-0272 - Socioeconomic impact of "Hurricane Karl" on health facilities in Veracruz, Mexico with a population of 7 million 600 thousand in September 2010

P. Cruz Flores, Sta. Catarina Mártir. Cholula, Puebla./MX

17:20 - 17:30

Discussion

BR55**16:00 - 17:30** **Mass Gathering** **MR 05 (307)**

Chair: Z. Liu¹, M. Barbeschi²; ¹Shanghai/CN,
²CH

16:00 - 16:10 **A-0273 - Mass Gatherings and the Application of the New International Risk Management Standard ISO3100**
M. Hills, Redfern, NSW/AU

16:10 - 16:20 **A-0274 - Mass-Gathering Event Risk Scoring Model: A Score to Predict Risk Level and Medical Usage Rate during Metropolitan Mass Gatherings**
A. Revello¹, A. Marzio²; ¹Rome/IT, ²Milan/IT

16:20 - 16:30 **A-0275 - Experimental Crowd Packing Analysis in Mass Gathering**
S. J. Wang, H. Y. Choi; Seoul/KR

16:30 - 16:40 **A-0276 - Young People at Mass Gathering Events: Data Collection Tools and Findings**
A. Hutton, Adelaide/AU

16:40 - 16:50 **A-0277 - Assessing the Psychosocial elements of crowds at Mass Gatherings**
A. Hutton, P. Arbon; Adelaide, SA/AU

16:50 - 17:00 **A-0278 - Providing Medical Coverage for an Unfamiliar Sport Event; Tent-Pegging and the 2nd Asian Beach Games**
H. Al-Qusimy, Ruwi/OM

17:00 - 17:10 **A-0279 - Evidence-based Decision-making in Triage**
A. Mirhaghi¹, M. Sajjadi², A. Golafshani³; ¹Neishabour/IR, ²Gonabad/IR, ³Mashhad/IR

17:10 - 17:30 **Discussion**

BR56**16:00 - 17:30** **Safe Hospitals** **MR 06 (305 AB)**

Chair: F. Cruz Vega, /MX

16:00 - 16:10 **Safe hospital initiative**
J. L. Poncelet, J. Abrahams , WHO

- 16:10 - 16:20 **A-0280 - Safety of Rural Hospitals during Flood: A Case Study on Begusarai District of Bihar, India**
R. Chatterjee, D. Nisha; Mumbai/IN
- 16:20 - 16:30 **A-0281 - Protecting and Preparing Critical Hospital Infrastructure—Redundancy, Security, and Disaster Response**
A. Robertson, M. Leclercq, C. Wilkinson; East Perth, WA/AU
- 16:30 - 16:40 **A-0282 - Comparison of Safety Index in Iranian Hospitals**
A. Djalali¹, A. Massumi², G. Öhlen¹, M. Castren¹, L. Kurland¹; ¹Stockholm/SE, ²Tehran/IR
- 16:40 - 16:50 **A-0283 - Hospital Security Planning for Patient Surge Incidents: A Comparison of Three National Systems in China, India, and Japan**
E. Downey¹, A. Hebert, CHPA², D. Kim, APRN, MSN³; ¹New Orleans, LA/US, ²Lafayette, LA/US, ³Salt Lake City/US
- 16:50 - 17:00 **A-0284 - Improving Hospital Mass Casualty Preparedness Through Ongoing Readiness Evaluation**
B. Adini, D. Laor, T. Hornik-Luria, A. Goldberg, D. Schwartz, L. Aharonson-Daniel; Tel Aviv/IL
- 17:00 - 17:10 **A-0285 - hospital preparation for mass casualty events**
G. Margalit, Ramat Gan/IL
- 17:10 - 17:20 **A-0286 - Safe Hospital Program and Safe Medical Unit in Mexico**
F. Cruz Vega, P. Cruz Flores; Mexico/MX
- 17:20 - 17:30 **Discussion**

BR57

16:00 - 17:30 **Nursing AGM** **MR 07 (305 C)**

BR58

16:00 - 17:30 **Disaster Management: Assessments** **MR 08 (308)**

Chair: G. E. A. Khalifa, Abu Dhabi/AE

16:00 - 16:20 **A-0287 - WHO Regional Office for Europe - Health Systems Crisis Preparedness Assessment Tool**
C. Bayer, G. Rockenschaub; Copenhagen/DK

- 16:20 - 16:40 **A-0288 - World Health Organization Regional Office for Europe All-Hazard Hospital Emergency Preparedness Checklist**
B. Sorensen¹, C. Bayer², R. Zane¹, B. Wante¹, G. Rockenschaub²; ¹Boston, MA/US, ²Copenhagen/DK
- 16:40 - 16:50 **A-0289 - Developing Damage Assessment Methodology with Community Participation—Case Study of the 2010 Leh Flash Flood**
A. Kumar, S. Gupta; Mumbai/IN
- 16:50 - 17:00 **A-0290 - Coordinated Hospital Disaster Response: A Detailed Assessment of Leadership**
E. Downey¹, K. Andress²; ¹New Orleans, LA/US, ²Shreveport, LA/US
- 17:00 - 17:10 **A-0291 - Medico-physiological support to rescuers of EMERCOM of Russia at accomplishing their professional activity**
S. Aleksanin, V. Rybnikov; Saint-petersburg/RU
- 17:10 - 17:20 **A-0292 - Disaster Assessment and Gathering Medical Intelligence Following a Major Public Health or Complex Humanitarian Emergency**
M. Reilly, New York, NY/US
- 17:20 - 17:30 **Discussion**

BR59

16:00 - 17:30 Psychosocial MR 09 (311)

Chair: E. Y. Y. Chan, Nt/HK

- 16:00 - 16:10 **A-0293 - Critical Incident Stress Management and Mental Health Strategies after the 2009 American Samoan Tsunami**
D. Bouslough¹, P. Biukoto², S. Stracensky²; ¹Providence/US, ²Pago Pago/AS
- 16:10 - 16:20 **A-0294 - Women Widowed in the Disaster – A Psychosocial Perspective**
G. Henry, K. Sekar; Bangalore/IN
- 16:20 - 16:30 **A-0295 - Post disaster mental health among ethnic minorities in rural China: Results from qualitative studies**
E. Cheung, E. Chan, H. P. Lam, C. L. Y. Lin, P. Lee; Shatin/HK
- 16:30 - 16:40 **A-0296 - Psychosocial disaster preparedness program form school children**
E. RAJ, K. Sekar; Bangalore/IN

- 16:40 - 16:50 **A-0297 - Psychosocial care for Children Survivors of Tsunami Disaster-Pondicherry Response, INDIA**
E. SINU1, K. Sekar2, R. Dhanasekarapandian2; 1Manipal/IN, 2Bangalore/IN
- 16:50 - 17:00 **A-0298 - Assessment of Psychosocial Impact of Flood on Children - Indian Experience**
M. Vranda, K. Sekar; Bangalore/IN
- 17:00 - 17:10 **A-0299 - Comparison of imbalance in psyche as sequel in amputations and salvage in trauma of extremities**
V. Raju, Hyderabad/IN
- 17:10 - 17:20 **A-0300 - Psycho-Physiological Training of Disaster Medicine Staff**
G. Kipor, N. Pichugina, B. Bobi; Moscow/RU
- 17:20 - 17:30 **Discussion**

BR60

16:00 - 17:30 French Session: Disaster Medicine MR 10 (HALL 2C)

Chair: H. Julien1, J. Bassetti2; 1Paris/FR,
2Narbonne/FR

- 16:00 - 16:15 **A-0301 - Le centre de crise du Ministère des affaires Etrangères**
S. Christophe, Paris/FR
- 16:15 - 16:30 **A-0302 - Le feu dans un hôpital, de l'incident à la catastrophe**
F. Lévy, Colmar/FR
- 16:30 - 16:45 **A-0303 - Aspects actuels du triage, pour une synthèse**
H. Julien, Paris/FR
- 16:45 - 17:00 **A-0304 - Catastrophe Biologique dans la Ville de Rio**
L. Silveira1, L. Plotkowski1, I. de Souza1, D. Borghi1, H. Julien2; 1Rio De Janeiro/BR,2Paris/FR
- 17:00 - 17:15 **A-0305 - Un outil pour la maîtrise de l'accident collectif**
J. Pitteloud, Sion/CH
- 17:15 - 17:30 **Discussion**

Friday, 3 June 2011

PL09

09:00 - 10:15 **Strategic Directions in Global Health** **Main Hall (Hall 1)**

Chair: P. Arbon, /AU

09:00 - 10:15 **Presentations by the World Health Organization**

PL10

11:00 - 12:00 **Veterinary Keynote Speaker** **Main Hall (Hall 1)**

Chair: G. V. Vroegindewey¹, M. Salman²;
¹College Park, Maryland/US, 21466/US

11:00 - 11:15 **PLE-16 - OIE (The World Organization for Animal Health) roles in
Global health**
I. Shimohira, Tokyo/JP

11:15 - 11:30 **PLE-17 - Global Infectious Animal Diseases and their impact on food
security**
M. Salman, 1466/US

11:30 - 11:45 **PLE-18 - One Health: Veterinarians' Roles during Disasters**
G. Vroegindewey, College Park, Maryland/US

11:45 - 12:00 **Discussion**

PL11

12:00 - 12:30 **A Framework for Understanding Disasters** **Main Hall (Hall 1)**

Chair: P. Kulling, /SE

12:00 - 12:30 **PLE-19 - A Framework for Understanding Disasters**
A. O'Rourke, Madison/US

BR61**13:45 - 16:30****WHO****MR 01 (201)****13:45 - 16:30 Presentations by the World Health Organization****BR62****13:45 - 16:30****Hot Topics****MR 02 (HALL 3)**

Chair: J. McGlown, Indianapolis, IN/US

13:45 - 13:55

A-0306 - Community resilience and the Christchurch earthquake: Best laid plans or practise made perfect?

A. R. G. Humphrey, J. Mitchell, S. K. McBride; Canterbury/NZ

13:55 - 14:05

A-0307 - Disaster Task force's Management Support at Emergency Response Phase in the Merapi Eruption November 2010

H. Wartatmo, Yogyakarta/ID

14:05 - 14:15

A-0308 - Come Hell and Cold, High Water...

A. McLean, Fargo, ND/US

14:15 - 14:25

A-0309 - Flood Disaster Averted: Red River ResilienceA. McLean¹, J. Shultz²; ¹Fargo, ND/US, ²Miami, FL/US

14:25 - 16:30

Discussion**BR63****13:45 - 16:30****EMS - Developments and Training****MR 03 (HALL 2A)**

Chair: J. Arnold, San Jose, CA/US

13:45 - 13:55

A-0309 - Improving Emergency Medical Care in Nigeria-The UBTH EMT-Paramedic Training Programme

P. Iribhogbe, Benin/NG

13:55 - 14:05

A-0310 - Academic training for paramedics -A unique university based model

D. Schwartz, L. Aronson, B. Adini, L. Neshet; Beer Sheva/IL

- 14:05 - 14:15 **A-0311 - Preliminary Successes and Challenges in the Creation of an Emergency Medical Care Training Program in the Wake of the 2010 Earthquake**
E. Sacks¹, M. Mastroianni², K. Hanselman², V. Cange²; ¹Baltimore/US, ²New York/US
- 14:15 - 14:25 **A-0312 - Evaluation of a Continuing Education Intervention to Improve Management of Mass-Casualty Incidents**
E. Jaffe, Tel Aviv/IL
- 14:25 - 14:35 **A-0313 - Integrating Paramedics into the Health System—Israel as a Case Study**
O. Wacht, K. Dopelt, N. Davidovitch, D. Schwartz, A. Goldberg; Beer Sheva/IL
- 14:35 - 14:45 **A-0314 - Challenges Faced in Establishing the Emergency Prehospital Ambulance Service in North Central Sri Lanka: Developing Something from Nothing**
L. Dassanayake, Anuradhapura/LK
- 14:45 - 14:55 **A-0315 - Improvement of the Prehospital Healthcare System in Iran**
H. Khankeh¹, A. Jallali², G. Masoomi³; 11985713831/IR, 211883/SE, 38876549/IR
- 14:55 - 15:05 **A-0316 - Pre-hospital Emergency Care in Sudan - Current Practices in Disaster Management (DM)**
K. Elbashir¹, R. Gore¹, C. Bloem¹, P. Roblin¹, G. Ostrovskiy², T. Abuaaraki³, M. Yousif³, B. Arquilla¹; ¹Brooklyn, NY/US, ²Qatar/QA, ³Khartoum/SD
- 15:05 - 15:15 **A-0317 - Evaluation Outcomes - Capacity Building for Emergency Medical Services along National Highway No.5 in Hai Duong Province, Vietnam – October 2009**
P. Bollinger¹, S. Baird²; ¹Tigard, Or/US, ²Albany, Or/US
- 15:15 - 15:25 15:15 - 15:25 **A-0319 - Using a Computer Simulation (CS) to improve training and event management of paramedics for Mass Casualty Incidents (MCI)**
E. Jaffe¹, A. Dagan², E. Zahavi¹; ¹Beer Sheva/IL, ²Jerusalem/IL
- 15:25 - 16:30 **Discussion**

BR64**13:45 - 16:30****Veterinary Medicine****MR 04 (HALL 2B)**

Chair: G. V. Vroegindewey, College Park,
Maryland/US

- 13:45 - 13:55 **A-0321 - Animals in Emergency Management: Veterinary Medical Triage and Treatment**
H. Case, Schaumburg/US
- 13:55 - 14:05 **A-0322 - Animals in Disasters and Emergencies: A Version of Wild Kingdom**
J. Madigan, Davis, CA/US
- 14:05 - 14:15 **A-0323 - Wildfire Associated Burn Injury of 1400 Sheep in Northern California: A Coordinated Mass Casualty Veterinary Response**
J. Madigan¹, J. Rowe¹, J. Angelos¹, W. Herthel¹, D. Matz¹, M. dinucci², V. Fletcher³; ¹Davis, CA/US, ²Auburn, CA/US, ³Woodland, CA/US
- 14:15 - 14:25 **A-0324 - Emergency Management Preparedness and Response Planning in the US: APHIS Foreign Animal Disease Preparedness and Response Plan (FAD PReP)**
L. Myers¹, L. Fromberg²; ¹Good Hope, GA/US, ²Riverdale, MD/US
- 14:25 - 14:35 **A-0325 - Educational and technical considerations of veterinary personnel involved in animal welfare during disasters**
H. Squance, Palmerston North/NZ
- 14:35 - 14:45 **A-0326 - The Military Veterinarian's Role in Stabilization and Reconstruction Operations.**
J. Smith, Philadelphia, PA/US
- 14:45 - 14:55 **A-0327 - The Importance and Benefit of Disease and Injury Surveillance within Relief Operations**
R. Burke, Silver Spring/US
- 14:55 - 15:05 **A-0328 - Food and Water Risk Assessments during Disaster Operations**
R. Burke, Silver Spring/US
- 15:05 - 15:15 **A-0330 - Training Agricultural Emergency Responders**
P. Cowen, Fort Collins, Co, CO/US
- 15:15 - 16:30 **Discussion**

BR66**13:45 - 16:30****Disaster Management: Field Hospitals/Communications****MR 06 (305 AB)**

Chair: K. Peleg, Tel-Aviv/IL

- 13:45 - 13:55 **A-0331 - Simulation of Mobile Hospital Team for Mass Gathering and Mass Casualty in Iraq : Korean Experience**
S. J. Wang, Seoul/KR
- 13:55 - 14:05 **A-0332 - Increasing Medical Situational Awareness and Interoperability via “Virtual USA”**
K. Andress, Shreveport, LA/US
- 14:05 - 14:15 **A-0333 - The Potential Use of Social Media in Animal Emergency Response**
H. Case, Schaumburg/US
- 14:15 - 14:25 **A-0334 - Disaster Medicine Center Evolution (Structure and Activities)**
G. Kipor, S. Goncharov, L. Borisenko, B. Bobi, N. Pichugina; Moscow/RU
- 14:25 - 14:35 **A-0335 - Emergent Use of Social Media: A New Age of Opportunity for Disaster Resilience**
M. Keim, 30303, GA/US
- 14:35 - 14:45 **A-0336 - Sustaining Telecommunications Capability and Capacity During Acute Phase of Disasters and Disaster Responses**
P. Gardner-Stephen, Bedford Park, SA/AU
- 14:45 - 14:55 **A-0337 - State Failure as a Factor in International Global Medical Operations: Network Modeling**
A. Trufanov¹, A. Rossodivita², M. Aminova³, A. Tikhomirov⁴, A. Caruso², R. Umerov⁵; ¹Irkutsk/RU, ²Milan/IT, ³Brussels/BE, ⁴New York, NY/US, ⁵Simferopol/UA
- 14:55 - 15:05 **A-0338 - Time For Order in Chaos! A New Model to Capture the Role of Foreign Field Hospitals after Disasters**
K. Lind, L. Westman, M. Gerdin, A. Wladis, J. von Schreeb; Stockholm/SE
- 15:05 - 15:15 **A-0340 - The Role of Field Hospitals in Severe Environments—Guidelines to Prepare and Build a Field Hospital During a Disaster.**
A. Rossodivita, Milan/IT

- 15:15 - 15:25 **A-0341 - Disaster! What About Me?**
H. Al-Qusimy, Muscat/OM
- 15:25 - 15:35 **A-0342 - Distribution Network Design in Relief Chain Management: Learnings from the 2008 Kosi Floods, Bihar, India**
A. Prakash, Mumbai/IN
- 15:35 - 16:30 **Discussion**

BR67

13:45 - 16:30 Osteopathic Section MR 07 (305 C)

BR68

13:45 - 16:30 CBRNE Task Force Meeting MR 08 (308)

BR69

13:45 - 16:30 Disaster Recovery MR 09 (311)

Chair: B. Adini, Tel Aviv/IL

- 13:45 - 13:55 **A-0343 - Rebuilding Post Conflict Food Security in Liberia**
T. Graham, Davis, CA/US
- 13:55 - 14:05 **A-0344 - Integrating Post-Disaster Reconstruction with Pre-Existing Development Strategies—Experiences from the 2010 Leh Flashflood**
A. Prakash, A. Kumar, S. Khan; Mumbai/IN
- 14:05 - 14:15 **A-0345 - The longitudinal study of Survivors' daily lives and health conditions after Sichuan earthquake in China — the result of the 3rd year compared with the 1st year and 2nd year study**
X. Hu¹, Y. Cheng¹, Q. Chen¹, N. Long¹, J. Li¹, Y. Luo¹, A. Yamamoto²;
¹Sichuan Chengdu/CN, ²Hyogo/JP
- 14:15 - 14:25 **A-0348 - Analysis of emergency medical staging in Wenchuan earthquake casualty treatment**
- 14:25 - 14:35 **A-0349 - The Role of Poison Centers in the 2010 Gulf Oil Spill Response**
M. Ryan, Shreveport/US

14:35 - 16:30 **Discussion**

BR70

13:45 - 16:30 **Pediatric Committee Meeting** **MR 10 (HALL 2C)**

WS2a – Post Congress Course

13:45 - 16:30 **Guidelines for Evaluation and Research in
Disaster Management: Conceptual, Structural,
Operational, and Research Frameworks and
Methodologies - Part 1** **MR 05 (307)**

PL12

16:30 - 17:30 **Closing Ceremony** **Main Hall (Hall 1)**

Saturday, June 4, 2011

WS2b - Post Congress Course

09:00 - 17:00 **Guidelines for Evaluation and Research in
Disaster Management: Conceptual, Structural,
Operational, and Research Frameworks and
Methodologies - Part 2** **MR 05 (307)**