INTERNATIONAL PREPAREDNESS & RESPONSE TO EMERGENCIES & DISASTERS

The 4th International Conference on Healthcare System Preparedness and Response to Emergencies & Disasters

Pocket Program

10-13 January 2016
Hilton Tel Aviv Hotel, Israel
Key:

Panel Discussion

Interactive Presentation

Keynote Speaker
Sunday – January 10th, 2016

10:00–16:00  Registration Desk Open
19:30  Cocktail Reception at the Conference Venue

Sponsored by:

Monday – January 11th, 2016

07:30–18:00  Registration Desk Open
08:45–09:00  Plenary Session Moderated by
Prof. Shimon Reisner, IPRED IV Chairman of the Scientific Committee
Prof. Arnon Afek, Associate Director General (acting) of the Ministry of Health
Col. Dr. Eyal Furman, IPRED IV Chairman IDF Surgeon General, Brig. Gen. Dr David Dagan

09:00 – 09:30  Commander of Home Front Command –

09:30–10:00  Rear Admiral (RADM) Dr. Boris D. Lushniak –
Partnerships in Emergency Response – The Path from Inception to Implementation of the Medical Units

10:00–10:30  Dr. Ian Norton – International Medical Teams; Have the Ebola and Nepal responses changed anything?

10:30–11:00  Coffee Break
Parallel Sessions

**Hall 1**

**Emergency Medicine in Mass Gatherings**

Chairpersons: Rafael Strugo & Jetri Regmi

11:00–12:15

- **Gennady Kipor**, Russia - Experience of disaster medicine preparedness for mass gathering events
- **Leo Latasch**, Germany - Medical preparation for the Ironman 2015 in Frankfurt
- **Leo Latasch**, Germany - Medical preparation for the J.P Morgan Corporate Challenge Serie 2015 in Frankfurt
- **Alessandra Rossodivita**, Italy - EXPO 2015: Hospital Preparedness for Emergency and Bioterrorism RESPONSE. The Italian Experience
- **Naama Constantini**, Israel - Medical Security of mass gatherings; recommendation of the Israeli National Committee
- **Raed Arafat**, Romania - Dealing with a mass casualty incident involving over 180 burnt patients including 88 critical patients in a Bucharest club fire

**Hall 2**

**Controversies in Emergency and Disaster Management**

Chairpersons: Itamar Ashkenazi & Michael Frogel

11:00–12:15

- **Adam Aluisio**, U.S. - The Regional Anaesthesia for Painful Injuries after Disasters (RAPID) Study: a randomized controlled trial protocol
- **Pinchas Halpern**, Israel - Intranasal Ketamine for Acute Traumatic Pain: A Prospective, Randomized Clinical Trial of Efficacy and Safety
- **Ariel Hirschhorn**, Israel - Paradigm shift in victim identification – from forensic odontontology to craniofacial forensics
- **Mauricio Lynn**, U.S. - Breaking the great myths of mass casualty management
- **Ronit Krispin**, Israel - The influence of new technology on the next financial, political or social crisis
- **Gary Mann**, Canada - Cashing in on Pay for Results
### Hall 3: Disease Outbreaks and Epidemics, Prevention and Control

**Chairpersons:** Meir Oren & Luca Rosi

**11:00-12:15**

- **Tal Brosh-Nissimov**, Israel - Preparing for Imported Ebola Cases in Israel, 15–2014
- **Jack Herrmann**, U.S. - Building Resilient and Sustainable Health Systems to Respond to Global Infectious Disease Outbreaks
- **Shugang Li**, China - An Analysis on the Epidemiological Characteristics and Causes of First-aid Trauma in Urumqi, Xinjiang
- **Pavel Castulik**, Czech Republic - Trial experience of the Czech EMS with transportation of an infection suspect in the Portable Isolation Units
- **Lion Poles**, Israel - From SARS to EBOLA - The evolution of Temporary High Level Isolation Units In Israel

### Hall 4: Advanced Research in Disaster Management

**Chairpersons:** Arik Eisenkraft & Brigitte Serreault

**11:00-12:15**

- **Clive Goodchild**, UK - EDEN - End User Driven Demonstration for CBRNe
- **Brigitte Serreault**, France - EDEN STORE AND ITS TOT
- **Jürgen Schreiber**, Germany - An innovative tool for initial medical assessments in CBRN-MCI - the PRIOR-CBRN system
- **Clive Goodchild**, UK - Generic Ground Station
- **Catherine Bertrand**, France - Lessons learnt from EU projects to improve civilian FR>s protection against CBRNe threats
- **Bruria Adini**, Israel - Expecting the unexpected and know how to respond Multidisciplinary international collaboration DARWIN project
### Ethics in Emergencies and Disasters

**Hall 5: Olive/ Palm/ Sycamore**

**Chairpersons:** Yoram Blachar & Cham Dallas

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00-12:15</td>
<td><strong>Ofer Merin</strong>, Israel - Treating terrorists and victims: a moral dilemma</td>
</tr>
<tr>
<td></td>
<td><strong>Eli Yaffe</strong>, Israel - Priorities in preliminary, on-site triage and assessment in multiple casualty situations</td>
</tr>
<tr>
<td></td>
<td><strong>Moshe Z. Abramowitz</strong>, Israel - What can we learn from the resilience and post traumatic growth of Holocaust survivors?</td>
</tr>
<tr>
<td></td>
<td><strong>Nethaniel Laor</strong>, Israel - Changes in Bio-Ethics from the Nuremberg trials until today</td>
</tr>
<tr>
<td></td>
<td><strong>Nufar Wolfer</strong>, Israel - Hospital Emergency Teams</td>
</tr>
</tbody>
</table>

### The Role of Nurses in Disaster Management

**Hall 6: King Solomon AB**

**Chairpersons:** Gila Hyams & Chad Priest

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00-12:15</td>
<td><strong>Jorie Klein</strong>, U.S. - The Role of Nurses in Preparedness for mass casualty event in the United states</td>
</tr>
<tr>
<td></td>
<td><strong>Karen Hammad</strong>, Australia - Understanding the lived experience of nursing in the emergency department (ED) during a disaster</td>
</tr>
<tr>
<td></td>
<td><strong>Chad Priest</strong>, U.S. - The Role of Nurses as Global Citizens</td>
</tr>
<tr>
<td></td>
<td><strong>Gila Hyams</strong>, Israel - Trauma Nurse Coordinators Role in MCS - Learning from the past, planning for the future</td>
</tr>
</tbody>
</table>

**12:15-12:30** Change Halls Break
Lessons Learned from recent Emergencies and Disasters

**Hall 1**

**Chairpersons:**
Kobi Peleg & Michel Debacker

**12:30-13:45**

- **Michael Frogel,** U.S. - Had The Time Square Bomb Exploded: How Would Your Emergency Room Have Responded to a Surge of Pediatric Victims?
- **Michael L. Alkan,** Israel - ISRAAID Medical Mission to Nepal, Responding to the Earthquake
- **Yinying Liu,** China - Chinese military medical team contribute to clinical management of Ebola virus disease in Sierra Leone
- **Ashika Jain,** U.S. - Chief Complaints Pre and Post 2015 Earthquake in Rural Nepal

Managing Blood Resources during Emergencies

**Hall 2**

**Chairpersons:**
Eilat Shinar & Richard Gonzales

**12:30-13:45**

- **Carmen Bell,** U.S. - The US Military Blood Support in Response to National Disasters
- **Richard Gonzales,** U.S. - The blood industry considerations in supporting responses to national disasters
- **Eilat Shinar,** Israel - The Israeli National Blood Response Program
- **Avraham Yitzhak,** Israel - ”My brother Keeper” plan and the IDF RDCR protocol
- **Mark Yazer,** U.S. - Whole blood—What’s Old is New Again
### Hall 3: Medical Education and Training

**Chairpersons:** Leonid Eidelman & Leonard Cole

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>Deborah Persell</em>, U.S. – Inter-Professional Education for Disaster Preparedness</td>
</tr>
<tr>
<td></td>
<td><em>Yung-Fang Chen</em>, U.K. – An evaluation of the ‘Emergency Response Exercise Programme’ in Taiwan</td>
</tr>
<tr>
<td></td>
<td><em>Diana Vinitsky Hertzog</em>, Israel – Exercising Hospital Evacuation in Israel</td>
</tr>
<tr>
<td></td>
<td><em>Seema Biswas</em>, Israel – Disaster and Conflict Medicine for Medical Students</td>
</tr>
</tbody>
</table>

### Hall 4: Pomegranate

**Chairpersons:** Ran Balicer & Alessandra Rossodivita

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30-13:45</td>
<td><em>Khetam Hussein</em>, Israel – Preparing for treating Ebola patients in a dedicated Hospital</td>
</tr>
<tr>
<td></td>
<td><em>Shulin Li</em>, China – The Epidemiological Characteristics and Disease Spectrum of the patients with Prehospital Medical Emergency Service in Urumqi, Xinjiang</td>
</tr>
<tr>
<td></td>
<td><em>Sohil Pothiawala</em>, Singapore – Designing the Emergency Department for improving Infection Control</td>
</tr>
<tr>
<td></td>
<td><em>Nadia Baranchuk</em>, U.S. – Physician Attitude towards Mandatory Ebola Training: not all agree</td>
</tr>
<tr>
<td></td>
<td><em>Basheer Halhal</em>, Israel – PERTUSSIS epidemic amongst soldiers during basic training– the need for updated protocols</td>
</tr>
</tbody>
</table>
Holistic Approach to Emergency Preparedness

Chairpersons: Bella Azaria & Dagan Schwartz

12:30-13:45

David Fuchs, Israel - Disaster preparedness in small district hospital
Gal Horowitz, Israel - Paramedics’ attitudes regarding expanding the authority to determine death by a paramedic
Ido Hadari, Israel - MCI+Media=??
Hong Chen, China - The practice and enlightenment of Southwest Hospital’s participation in Lushan earthquake medical rescue

Emergencies and Disasters Nursing

Chairpersons: Liora Utitz & Karen Hammad

12:30-13:45

Odeda Benin Goren, Israel - Preparedness Ukraine Nurses for Nursing Work in Disaster
Krongdai Unhasuta, Thailand - Strengthening communities respond to emergencies and disasters
Carolina Tannenbaum-Baruchi, Israel - Barriers to Nurses Communication with Deaf People in Israel
Amran Jaber, Israel - A Very Challenging Quest: Breaking Bad News by the Nurses Staff
Xinhui Li, China - Investigation and Analysis of Disaster Cognition and Family Disaster Preparedness of General Practitioners and Community Nurses in XPCC

13:45-14:45 Lunch
14:45–16:15  Parallel Sessions

**Hall 1**

**Emergency Management and Sheltering of Animals in Disasters**

Chairpersons: Patricia Andrade & Robin Chadwin

It’s not just about the animals: Table top exercise – an interactive session:

**Patricia Andrade & Robin Chadwin**, U.S. – Community preparedness and public health considerations: Planning for emergency response to include animal

Introduction to Emergency Animal Sheltering (EAS): Role of veterinarians and non-veterinary volunteers; needs of animals and staff

Emergency Shelter Design and Animal Transport/Tracking: Estimating animal populations, shelter layout, biosecurity, triage

Exercise – small group discussions to provide solutions to dilemmas

**Hall 3**

**Multi-Professional Capacity Building**

Chairpersons: Boaz Tadmor & Jorie Klein

14:45–16:15

**Stephen Sussman**, U.S. – Reaching beyond standard assessment: The role of global self esteem in first responder training

**David Ratner**, Israel – The Role of the Spokeperson in Disaster Preparation and Management

**Chad Priest**, U.S. – An Update on Federal Training Opportunities for Healthcare Responders in the U.S.

Panel Discussion: Liora Utitz, Mira Wilhelm Kafil, Anna Ofir, Efim Fainstein, Lydia Lanxner, Gila Margalit – Nurses as ‘leaders’ of emergency preparedness
International Humanitarian Action

14:45-16:15  Chairperson: Bruria Adini & Erin Downey

Cham Dallas, U.S. - Developing a Nuclear Global Health Workforce Amid the Increasing Threat of a Nuclear Crisis
Zeyn Mahomed, South Africa - Africa helping Africa
Elhanan Bar-On, Israel - Field Hospital Versatility - Maintaining Capabilities in Diverse Operational Scenarios
Tarif Bader, Israel - Extending a Helping Hand - Lessons Learned from Recent Israeli Defense Forces Humanitarian Missions
Kumaran Rasappan, Singapore - Considerations in Humanitarian Medical Relief Work in the High Altitude Himalayan Village

Emerging CBRNe Threats

14:45-16:15  Chairpersons: Kobi Atsmon & Dan Hanfling

Arkadiusz Trzos, Poland - CBRN-related Mass Casualty Incidents - coordination of activities of the Emergency Medical Services and the National Firefighting and Rescue System. Propositions of system-based solutions
Gad Pinhasi, Israel - Consequence Analysis for Toxic, Explosive and Flammable Gas Spills. A Case Study: Compressed Natural Gas (CNG) Storage
Toyoaki Sawano, Japan - Health of decontamination workers in Fukushima: underlying disease observable in presentation of stroke
Vasily Afanasiev, Russia - Cytoprotectors are an important supplement in treatment of mass casual ties during toxicological disasters
S.M. Becker, U.S. - Challenges to Recovery after a Radiological or Nuclear Incident: Early Lessons from Fukushima Dai-ichi
14:45–16:15  **Parallel Sessions**

**Hall 6: King Solomon AB**

**Trauma Management**

**Chairpersons:**

Osnat Lev-Zion & Raphael Barishansky

**14:45–16:15**

**Gilbert Sebbag,** Israel - The Soroka Medical Center

challenges during the July 2014 Operation Protective Edge - Preparedness and management in a hospital under fire

**Itzhak Siev-Ner,** Israel - The Role of Rehabilitation in a Military Conflict

**Avi Benov,** Israel - Between 2 conflicts – change in battlefield mortality, from Second Lebanon War to Operation Protective Edge

**Wayne Yap,** Singapore - Lessons from the 2015 Nepal Earthquake: Our experience as Orthopaedic Surgical Residents rendering disaster aid

**Miklosh Bala,** Israel - Intentional Running-Over Attacks: A Summary of the Recent Jerusalem Experience

**Michael Rozenfeld,** Israel - Space settings of terror explosions: physical vs. contextu...
Promoting Emergency Preparedness by International Organizations

Chairpersons: Eli Yaffe & Dorit Nitzan Kaluski

16:45-18:00

Dorit Nitzan Kaluski, WHO - WHO Emergency Response in Ukraine
Barbara Rizzoli, ICRC - Restoring Family Links in times of emergency by the International Red Cross and Red Crescent Movement
Saeda Al Barawi, ICRC - ICRC post-operative hospital physiotherapy project: preparing also for humanitarian emergencies
Frederik Siem, Norway - Ambulance services operating in situations of risk: best practice of twelve National Societies
Johannes S. Schad, Germany - From Ebola Emergency to Health System restoration: Severe Infections Temporary Treatment Unit
Patricia Kormoss, WHO - Mobile Emergency Primary Care Units - W.H.O. Experience

Social Networks and Volunteering

Chairpersons: Mooli Lahad & Christopher Kramer

16:45-18:00

Alan Kirschenbaum, Israel - When Plans Fail: Contingency Plans Based on Social Networks
Patrick Drews & Jana Eiser-Mauthner, Germany - Interactive Lecture: Spontaneous Volunteer Management Programs for Emergency Management - A European perspective
Denis Havlik, Austria - Crowdtasking in crisis situations
Eli Weissbart, Israel - Successfully operating unorganized volunteers during crisis
Daniel Hahn, U.S. - Public-Private Partnerships: A case study and best practices
Parallel Sessions

16:45–18:00

**Hall 4: Pomegranate**

**Logistic Management of Emergencies and Disasters**

**Chairpersons:** Ran Edelshtein & Angelo Agostini

- **Donna Thomson,** Canada - CritiCall Ontario - A provincial solution to healthcare planning and optimization (on a daily basis and in emergencies and disaster)
- **Joram Rubinstein,** Israel - Resolving the challenges and dilemmas in securing hospitals
- **Michael Frogel,** U.S. - Creating Disaster Planning Resources for Obstetric and Newborn Services - Lessons Learned from the NYC Pediatric Disaster Coalition (PDC)
- **Itamar Ashkenazi,** Israel - THREATS Project: Increasing resilience of EU hospitals as critical infrastructure by improving their protection capability and security awareness against terrorist attacks
- **David Siegel,** U.S. - Gaps in Drug Dosing for Obese Children and Adults: A Systematic Review of the Medical Countermeasures in the Strategic National Stockpile

16:45–18:00

**Hall 5: Olive/Palm/Sycamore**

**Military and Civilian Collaboration**

**Chairpersons:** Ofer Merin & David Wilmot

- **Gennady Kipor,** Russia - Civil Military Collaboration in National Disaster Medicine Service
- **Gayathri Nadarajan,** Singapore - Mosaic Civilian–Military Disaster Medical Response Team: A Unique Singapore Experience
- **David Wilmot,** U.S. - Tiered Response to CBRN Incidents
- **Deborah Kim,** U.S. - Destruction of the Utah Chemical Weapons Stockpile and the development of the CSEPP Program
- **Salman Zarka,** Israel - Hospital Operation in Emergencies
Models of Healthcare Emergency Planning

Chairpersons: Avishay Goldberg & Mauricio Lynn

16:45-18:00

Eli Rohn, Israel – Do we have an emergency?
Oleg Mazurenko, Ukraine – A simulation modeling for International Health response after Natural Disasters
Moshe Farchi, Israel – The SIX C’s Model Psychological First Aid guidelines for NON professionals

19:30

’Sumer for Winter’
Special Israeli Style Dinner Event
07:30–18:00  Registration Desk Open
08:30–09:00  Plenary Session Moderated by 
**Prof. Shimon Reisner**, IPRED IV Chairman of 
the Scientific Committee 
**Mr. Itay Engel** – ISIS as the global threat

08:30–09:00  Dr. Thomas Inglesby – Preparing for 
Bioterrorism and Public Health 
Emergencies

09:00–09:30  Greetings: 
Minister of Health **MP Rabbi Yaacov Litsman**

**Prof. Zou Li**, Chief Representative of 
SAFEA/CAIEP, Israel

**Prof. Virginia Murray** – The Sendai Framework 
on Disaster Risk Reduction: what does it mean 
for disaster medicine?

10:00–10:30  *Coffee Break*
Simulation Tools in Triage

Chairpersons: Bridget Berg & Steven Storbakken

Tom Schmitz, Belgium - Measuring in-hospital over- and undertriage using simulation software in emergency nurses

Tom Schmitz, Belgium - Measuring in-hospital over- and undertriage using simulation software in emergency physician residents

Bridget Berg, U.S. - SurgeTrain Online Learning Platform Improves Hospital Clinical Surge Disaster Response

Interactive presentation of a training tool to promote triage capabilities in the emergency department during a surge event

Expert Session – Novel Technologies in Emergency and Disaster Medicine

Chairpersons: David Dagan & Christopher Lamb


Narayan Iyer, U.S. - BARDA and MediWound response to Romania Fire incident

Elon Glassberg, Israel - Technology as a life-saving tool - from the battlefield to the pre-hospital setting

Panel Discussion - My prediction of the technology of tomorrow
Parallel Sessions

**Critical Infrastructure Resilience: Threats, Vulnerabilities, Cascading Effects & Interdependencies**

**Hall 3**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30-12:00</td>
<td>Yacov Haimes, U.S.</td>
<td>Risk Modeling and Analysis of Cyber-Physical Complex and Resilient Interdependent Systems of Systems</td>
</tr>
<tr>
<td></td>
<td>J. Michael Barrett, U.S.</td>
<td>Ensuring resilience by applying Total Security Management (TSM) principles to complex systems</td>
</tr>
<tr>
<td></td>
<td>Tim McPherson, U.S.</td>
<td>Infrastructure System Analysis for Community Resilience Assessment</td>
</tr>
<tr>
<td></td>
<td>Rachael Piltch-Loeb, U.S.</td>
<td>A Balancing Act: Recovery from Hurricane Sandy and Compensating Capitals</td>
</tr>
<tr>
<td></td>
<td>Josh Wander, Israel</td>
<td>Bottom-up Preparedness</td>
</tr>
</tbody>
</table>

Chairpersons: Avi Israeli & Jalal Mapar
### Managing Acute Stress Reactions

**Chairpersons:** Nathaniel Laor & Joan Hunter

**Hall 4: Pomegranate**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 10:30-12:00| **David Abramson**, U.S. - Merging Disasters: A cross-cohort comparison of mental health after large-scale natural and technological disasters  
**Zhang Guiqing**, China - Research traumatic event memory content changes after a trauma  
**Joan Hunter**, U.S. - The National Guard Bureau Psychological Health Program: Traumatic Event Management  
**Xiuzhu Zhang**, China - Worries about the future of families associated with the presence of posttraumatic stress disorder in Chinese trauma population  
**Moshe Farchi**, Israel - Preliminarily test and validate a brief Acute Stress Reaction (ASR) scale  
**Menachem Ben-Ezra**, Israel - Psychological Reactions Following the Charlie Hebdo Terror Attack  
**Nir Klein**, Israel - Stress Reaction of first responders |

### Quality Assurance of Disaster Preparedness

**Chairpersons:** Dorit Tekes-Manova & Gary Mann

**Hall 5: Olive/Palm/Sycamore**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
</tr>
</thead>
</table>
| 10:30-12:00| **Kathrin Pientka**, Germany - Results from the evaluation: The web-based tool “BEPE” in daily work routine  
**Veith Bosenbecker**, Germany - Needs analysis and development planning for fire services. How much fire service does a city need?  
**Asaf Harris**, U.S. - Civilian ED usage during conflict: analysis of a major Israeli emergency department |
Managing the Ebola Crisis

Chairpersons: Elhanan Bar-On & Rene Gottschalk

10:30–12:00

Calvin Kong, U.S. - Ebola Response: Emergency Room Staff Perceptions of Ebola training
Huijuan Duan, China - Medical Emergency Response to the Ebola Outbreak in West Africa by Chinese PLA medical teams
Raymond E. Swienton, U.S. - Ebola in the U.S, Epicenter: Dallas, Texas
Regina Ellwanger, Germany - EFFO Ebola - Efficiency by Edification: A train-the-trainer program to promote hospital preparedness for Ebola
Itay Fogel, Israel - Self-Perceived Efficacy of Using Personal Protective Equipment Does Not Predict Objective Performance
David Wilmot, U.S. - Lessons Learned from Operation United Assistance

12:00–12:10 Change Halls Break
**Hall 1**  
**Humanity in Treating Refugees and Migrants**

12:10–13:40  
Chairpersons: Pinchas Halpern & Itamar Grotto

- **Pinchas Halpern**, Israel - Provision of Emergency Medical Services to secure medical treatment for Refugees
- **Michael Dor**, Israel - Operating a designated clinic for medical treatment of refugees
- **Alexander Lerner**, Israel - Humanitarian treatment victims of Syrian civil war in Ziv Medical Center, Zefat, Israel
- **Elon Glassberg**, Israel - The combined Israeli military-civilian medical humanitarian response aiding victims of the Syrian civil war - dilemmas and lessons learned
- **Itamar Grotto**, Israel - Screening practices for infectious diseases among newly arrived migrants - the Israeli experience

**Hall 2**  
**Emergency Medicine Education**

12:10–13:40  
Chairpersons: David Siegel & Deborah Persell

- **Katarzyna Długosz**, Poland - Organization of Emergency Rescue Operations in CBRN incidents. Training program for representatives of government services and medical students
- **Juliana Poh**, Singapore - CODE BLUE RESPONSE TO A BSL3 INCIDENT
- **Leonard Cole**, U.S. - The Value of a Course on Terror Medicine
- **Cecil Holliman**, U.S. - Operation Bushmaster: A Unique Educational Exercise
- **André Baumann**, Germany - From ’Rettungsassistent’ (EMT-Intermediate) to ’Notfallsanitäter’ (EMT-Paramedic)
- **Ben Godder**, U.S. - All Hazards Training: Incorporating a “Certificate of Disaster Preparedness” into the Dental School Curriculum
Multi-level Exercises: 'How-to' Session

Chairpersons:
Eyal Furman & Francesco Foti

12:10–13:40

Eyal Furman, Israel - Characteristics of Hospitals’ drills
Dov Smaletz, Brazil - First integrated exercise on disasters management in Sao Paulo - Brasil (Public and Private forces)
Zahi Dagan, Israel - MTE Drills and Reality - What we had Learned
Lion Poles, Israel - Training systems and the individuals for emergencies - 'Orange Flame' Concept and changing methods of emergency training in Israel
Liora Utitz, Israel - Collaboration between Medical Centers - a model for success in mass disaster training
Amir Blumenfeld, Israel - MCE drills, the basic and the advanced

Utilizing Social Media in Emergency Management

Chairpersons:
Limor Aharonson-Daniel & Steven Becker

12:10–13:40

Eli Yaffe, Israel - Emergency Social Application connected to a national EMS Dispatch - Crowdsourcing To Locate Victims In Emergency Situations
Rebecca Florsheim, U.S. - Optimizing Global Relief Efforts after Mass Casualty Disasters: Suggestion for a Specialized Social Network after Responding to Haiti and Nepal
Dmitry Leykin, Israel - Automatic Assessment of Personal Coping Strategies from the social media: An Aid for Crisis Communication with the Public
Rivka Klein, Israel - Did belonging to a WhatsApp group of women with siblings in active military service during operation 'Protective Edge' contribute to their personal or community resilience?
Tomer Simon, Israel - Involvement of emergency responders in spread of rumors on social media during terror attacks
Christopher Kramer, U.S - Effective public communication during crises and emergencies
Gilead Shenhar, Israel - Effectiveness comparison of two earthquake awareness campaigns in Israel (2011–2013)

Hall 6: King Solomon AB  Tools and Models in Emergency Response

12:10–13:40  Chairpersons: Eran Tal-Or & Raed Arafat

Raphael Barishansky, U.S. - Understanding Mobile Intergrated Health in the US
Michel Debacker, Belgium - SIMEDIS: a discrete event simulation tool for testing the response to mass casualty events
Simone Wurster, Germany - Determining the value of public safety solutions: the benefit of early warning apps to protect lives and critical infrastructure
Fabio Racy, Brazil - Hospital Disaster Plan
Patricia Andrade, U.S. - Veterinary Medical Schools and Clinics in Mass Casualty Disaster Response: an Additional Source of Medical Personnel, Emergency Equipment and Hospital Surge Capacity

13:40–14:40 Lunch break
**Hall 1 - Technological Innovations in Emergency Management**

**Chairpersons:** Isaac Ashkenazi & Joseph Martin

- **Rimona Margalit**, Israel - Inhalational therapy of LPS-exposed mice by anti-oxidant and steroid drugs formulated in hyaluronan liposomes
- **Oren Milstein**, Israel - Novel Protection from Radiation Induced Cancer and Sickness (ARS)
- **Mohammad Naeem**, U.S. - The Role of Diagnostic Medical Imaging in 4th and 5th Generation Warfare
- **Li Linfeng**, China - The Relation Between the Symptoms Characteristics of Post Traumatic Stress Disorder (PTSD) and the Efficacy of Eye Movement Desensitization and Reprocessing (EMDR)
- **Moris Topaz**, Israel - A Novel Damage Control Approach for Soft Tissue Injury Applying Tension Relief System, Vacuum Combined with Wound Oxygenation and Irrigation for Early Primary Closure of Large Wounds

**Hall 2 - Triage Systems and Mechanisms during Disasters**

**Chairpersons:** Michael Halberthal & Leo Latasch

- **Michel Debacker**, Belgium - Does triage decreases mortality in mass casualty incidents? A simulation study of an aircraft crash at Brussel Airport
- **Kelly Klein**, U.S. - Triage, the next step
- **Brigitte Serreault**, France - NORIA solution (New Operational Readable Identification Application)
- **Michael Frogel**, U.S. - NYC Pediatric Disaster Coalition: a Model for Disaster Preparedness
- **Gary Mann**, Canada - Life or Limb - Prioritizing priorities
Marcel Van der Auwera, Belgium - Monitoring mental well-being of students during a training course in disaster medicine
Hongwei Zhang, China - Chinese regular and military college students need more training to enhance the consciousness of disaster prevention and the disaster rescue skills
Dabney Evans, U.S. - Practical training for public health emergency preparedness among graduate students
Deanna Sykes, Canada - Does earthquake training influence willingness to report to work (WRT) among hospital employees (HEs) in an earthquake?
Amelia Breyre, U.S. - Emergency Medicine Resident Physician Disaster Preparedness in Anticipation of an Urban Papal Visit

Barbara Lopes Cardozo, U.S. - Promoting resilience among primary health care workers in post-conflict Kosovo
Daniel Hahn, U.S. - The effect of social capital on an individual’s potential resilience
Shiri Daniels, Israel - Pass it on - Psycho-social training in the aftermath of typhoon Yolanda in the Philippines
Smadar Cooper Caesari, Israel - The efficacy of a structured program using puppetry in kindergarten children living under threat
Aviva Goral, Israel - Resource loss, gain and mental distress in individuals exposed to ongoing security related stress
Kelly Klein, U.S. - Will they come if there was a radiological or nuclear event
14:40–16:10  Parallel Sessions

Trauma Management + Preparedness in Specific Circumstances & Populations

14:40–16:10  Chairpersons: Moshe Michaelson & Richard Klomp

Pia Daniel, U.S. - Exercise Based Management of Blast Injuries vs. General Trauma Injuries by US Emergency Medicine Physicians in Training

Arthur Cooper, U.S. - Developing and Implementing Neonatal Disaster Plans through Full Scale Exercises

Lior Rosenberg, Israel - The Role Of Effective, Fast & Specific Enzymatic Debriding Agent (NexoBrid)

Lianyang Zhang, China - Motor Vehicle Crashes influenced the self-development of “Trauma-center” facilities in Mainland China

Andreas Ruhs, Germany - Experiences of fire and rescue team

Yaron Shoham, Israel - The role of NexoBrid rapid enzymatic debridement in the treatment of fire disasters in view of the recent Romanian mass casualty incident

16:10–16:30  Coffee Break
16:30-18:00  **Plenary:**
* Closing Ceremony* Moderated by **Col. Dr. Eyal Furman**, IPRED IV Chairman
* Awards for Best Posters*

**Interactive Session:**
* Challenges and Dilemmas in international humanitarian action - **Dr. Ian Norton**
and **Prof. Kobi Peleg**
* Presentation of Mass Toxicological Incident Exercise - **Col. Dr. Eyal Furman**
* Take Home Messages - **Col. Dr. Eyal Furman**

**Wednesday – January 13th, 2016**

07:00-17:00  **Mass Toxicological Incident Drill**

**Sponsored by:**

![Sponsored by Persys Medical logo]
Partners:

- Ministry of Health
- Home Front Command
- Ben-Gurion University of the Negev
- University of Haifa
- The Center For Excellence
- Magen David Adom in Israel
- Prepared Center for Emergency Response Research
- Mass Trauma Research

Organizing & Production:
KALEIDOSCOPE
Conferences | Events | Multimedia
96 Ussishkin st. Tel-Aviv 62031
Tel. +972-3-544-5015 | Fax. +972-3-604-8473 | www.kldltd.com