International SIUST Congress

MASS DISASTER MANAGEMENT

President: G. Giudice

Bari, October 24-26, 2019
Villa Romanazzi Carducci
Presentation

Natural and/or man-made mass disasters have increasingly garnered international attention as terrorist incidents and natural hazards —such as earthquakes, floods, etc.— have become more frequent. As it is difficult to prevent such events, study protocols need to be established to enhance our preparedness and thus reduce the impact of disasters, mitigating the damage and lessening the human and economic losses they cause.

While guidelines are already in place for first aid management at the disaster site, those for triage and urgent vs emergency care for disaster affected patients within the first 24/48 hours have yet to be conclusively defined. This is true even though the evolution of modern medical and surgical techniques has provided us with an array of options for ideal immediate care.

It essential to set up triage guidelines and treatment algorithms for disaster victims who often need appropriate treatment within the “Golden 100 hours” post-event. This is why the main purpose of our Conference is to reach a consensus on the triage and treatment algorithms to be used in mass disasters and make them available through an international network and an easily accessible website.

Giuseppe Giudice
Faculty

Alessandro Giovanni, Palermo
Alfano Carmine, Perugia
Andreone Alessandro, Durban
Arnez Zoran, Trieste
Azzena Bruno, Padova
Barbierato Mauro, Roma
Bassetto Franco, Padova
Biondo Rosina, Cesena
Bocchiotti Maria Alessandra, Torino
Brienza Ettore, Bari
Bruschi Stefano, Torino
Caleffi Edoardo, Parma
Carty Matthew J., Boston
Castagnoli Carlotta, Torino
Caterson Edward J., Boston
Cervelli Valerio, Roma
Cherubino Mario, Varese
Cigna Emanuele, Pisa
Cimbanassi Stefania, Milano
Cipriani Riccardo, Bologna
Cordova Adriana, Palermo
Cupisti Milena, Versilia
D’Alessio Roberto, Napoli
D’Andrea Francesco, Napoli
D’Aniello Carlo, Siena
De Angelis Armando, Milano
De Santis Giorgio, Modena
Della Corte Francesco, Novara
Di Benedetto Giovanni, Ancona
Di Lonardo Antonio, Pisa
Dipietro Gaetano, Bari
Fasano Daniele, Bologna
Fedrighi Federico, Roma
Giudice Giuseppe, Bari
Goralnick Erin, Boston
Governa Maurizio, Verona
Haller Herbert L., Leonding
Introna Francesco, Bari
Jeffery Steven, Birmingham

Klinger Marco, Milano
Kostadinov Rostislav, Plovdiv
Lazarov Martinez José Luis, Madrid
Lovic Jazbec Aleksandar, Madrid
Maggio Giulio, Bari
Malan Fabrizio, Torino
Maruccia Michele, Bari
Marulli Giuseppe, Bari
Masellis Michele, Palermo
Melandri Davide, Cesena
Morcellini Mario, Roma
Moret Iurilli Cinzia, Bari
Moretti Biagio, Bari
Moschella Francesco, Palermo
Noschese Giuseppe, Napoli
Palombo Paolo, Roma
Papa Giovanni, Trieste
Perniciaro Giuseppe, Genova
Perrotta Rosario, Catania
Persichetti Paolo, Roma
Posadinu Maria Alma, Sassari
Procacci Vito, Bari
Ranno Rosario, Catania
Repoussis Panagiotis, Atene
Ribuffo Diego, Roma
Riccio Michele, Ancona
Rosenberg Lior, Yavne
Santi Pier Luigi, Modena
Scuderi Nicolò, Roma
Shokrollahi Kayvan, Liverpool
Stagno d’Alcontres Francesco, Messina
Stella Maurizio, Torino
Talbot Simon G., Boston
Vaienti Luca, Milano
Valdatta Luigi, Varese
Verrienti Pasquale, Brindisi
Vicenti Giovanni, Bari
Willy Christian, Berlino
Scientific Program

Thursday - October 24, 2019

12:00 PM   Registration of participants

SESSION 1: GENERAL AND ORGANIZATIONAL ASPECTS OF MASS DISASTERS
Chairman: R. Ranno
Moderators: G. Dipietro, E. Brienza

12:30 PM   Lecture: Mass Casualty Incidents in the World
G. Giudice

12:50 PM   Intervention Protocols in Mass Disasters in Italy
F. Federighi

1:10 PM    Italian Navy: Organizing Sea Rescues
M. Barbierato

1:30 PM    Thermal Agent and Fire Disasters
M. Masellis

1:50 PM    Optimizing Emergency Preparedness and Resource Utilization in Mass Casualty Incidents
P. Repoussis

2:10 PM    Education and Training in Humanitarian Aid
F. Della Corte

2:30 PM    Training Team for Emergency Management in Mass Disasters
R. Kostadinov

2:50 - 3:20 PM   Coffee break
SESSION 1: GENERAL AND ORGANIZATIONAL ASPECTS OF MASS DISASTERS
Chairman: D. Fasano
Moderators: F. Moschella, C. D'Aniello

3:20 PM  Role of Forensic Pathologists in Mass Disasters: Proposing an Operational Protocol
          F. Introna

3:40 PM  Ethical Aspects in Mass Disasters
          M. Morcellini

4:00 PM  Legal Consideration for Tactical Medical Responders
          E. J. Caterson

4:20 PM  Preparing for the Next Terrorism Attack: Lessons from Paris, Brussels, and Boston
          E. Goralnick

4:40 PM  Mass Disaster Experience in Africa
          P.L. Santi

Chairman: G. Giudice
Moderators: V. Procacci, C. Moret Iurilli

5:00 PM  Welcome Remarks by the Following Authorities:
          President of the Apulia Region
          M. Emiliano
          Rector of the University of Bari “Aldo Moro”
          S. Bronzini
          Director General of the University of Bari “Aldo Moro”
          F. Gallo
          Director General of the Azienda Ospedaliera Policlinico of Bari
          G. Migliore
          Medical Director of the Azienda Ospedaliera Policlinico of Bari
          M. Carlucci
Friday - October 25, 2019

SESSION 2: TRIAGE, “TRAUMA SCORE” AND TREATMENT ALGORITHM FOR TORSO AND UPPER LIMB INJURIES IN MASS DISASTERS
Chairman: S. Bruschi
Moderators: R. Perrotta, G. Perniciaro

8:30 AM  Triage, Trauma Score and Treatment Algorithm for Severe Thoracic Injuries in Mass Disasters
G. Marulli

8:50 AM  Limb and Brachial Plexus Re-implantation
A. Lovic Jazbec

9:10 AM  Mass Casualty Management: The Upper Extremity
S. Talbot

9:30 AM  Triage and Trauma Score for Upper Limb Injuries in Mass Disasters
E. Cigna

9:50 AM  Treatment Algorithm for Upper Limb Injuries in Mass Disasters
M. Maruccia

10:10 AM  Triage and Trauma Score for Hand Injuries for Mass Disasters
M. Riccio

10:20 AM  Discussion

10:30 - 11:00 AM  Coffee break
SESSION 3:  
TRIAGE, “TRAUMA SCORE” AND TREATMENT ALGORITHM FOR LOWER LIMB INJURIES IN MASS DISASTERS  
Chairman: F. D’Andrea  
Moderators: L. Valdatta, R. Cipriani

11:00 AM  Why We are Here: Early Reflections on the Role of Reconstructive Plastic Surgery in the 2013 Boston Marathon Bombings  
M. Carty

11:15 AM  Role of Trauma Surgery in Military Actions and Terrorist Threat  
C. Willy

11:30 AM  Indications and Timing for Re-implantation of the Lower Limb in Mass Disasters  
Z. Arnez

11:45 AM  Treatment Algorithm for Lower Limb Fractures in Mass Disasters  
B. Moretti - G. Vicenti

12:00 PM  Triage and Trauma Score for Lower Limb Injuries in Mass Disasters  
M. Cherubino

12:15 PM  Microsurgical Treatment Algorithm for Lower Limb Injuries in Mass Disasters  
A. Cordova

12:30 PM  Non-microsurgical Treatment Algorithm for Lower Limb Injuries in Mass Disasters  
L. Vaienti

12:45 PM  Discussion

1:00 - 2:30 PM  Lunch
SESSION 4:
DERMAL SUBSTITUTES: TREATMENT ALGORITHM IN MASS DISASTERS
Chairman: F. Malan
Moderators: G. Di Benedetto, M.A. Bocchiotti

2:30 PM  Advanced Wound Dressings
          J.L. Lazaro Martinez
2:45 PM  Dermal Matrices and Negative Pressure in Mass Disasters
          G. De Santis
3:00 PM  Dermal Matrices in Mass Disasters
          G. Noschese
3:15 PM  Dermal Substitutes in Mass Disasters
          F. Bassetto
3:30 PM  Use of Temporary and Permanent Skin Substitutes in Large Gas Explosions: The South Africa Experience
          A. Andreone
3:45 PM  Dermal Substitutes: When and Why in Mass Disasters
          F. Stagno d’Alcontres
4:00 PM  Treatment Algorithm of Difficult Wounds in Mass Disasters
          V. Cervelli
4:15 PM  Discussion

4:30 - 5:00 PM  Coffee break
SESSION 5:  
NEGATIVE PRESSURE: TREATMENT ALGORITHM IN MASS DISASTERS  
Chairman: M. Klinger  
Moderators: G. Papa, C. Alfano  

5:00 PM  
Triage, Trauma Score and Treatment Algorithm for Severe Abdominal Trauma in Mass Disasters  
S. Cimbanassi  

5:15 PM  
Negative Pressure for War Wounds  
S. Jeffery  

5:30 PM  
Triage and Trauma Score for Trauma Patients and Treatment Algorithm Using Negative Pressure  
P. Persichetti  

5:45 PM  
Triage and Trauma Score for Trauma Patients and Treatment Algorithm Using Negative Pressure  
D. Ribuffo  

6:00 PM  
Discussion  

6:15 PM  
Lecture: Enzymatic Debridement in Burn Mass Disasters  
L. Rosenberg
Saturday - October 26, 2019

SESSION 6: TRIAGE AND TREATMENT ALGORITHM FOR MASS BURN CASUALTIES IN MASS DISASTERS
Chairman: A. De Angelis
Moderators: P. Verrienti, A. Posadinu

9:00 AM  Burn Scores for Death Risk in Mass Disaster Burn Patients
          G. Maggio
9:15 AM   What the Experience in Bucharest Has Taught Us
          R. D’Alessio
9:30 AM   What the Experience in Verona Has Taught Us
          M. Governa
9:45 AM   Perspectives on Acid Attacks in the UK
          K. Shokrollahi
10:00 AM  The Importance of Skin Banking in Mass Disasters
          C. Castagnoli
10:15 AM  Mass Burns: Organizing Rescues after the Disaster in Viareggio
          A. Di Lonardo
10:30 AM  The functional rehabilitation of the victims of the explosion
          of 6 August 2018 at the Cesena Burn Center
          R. Biondo
10:45 AM  Viareggio railway disaster: rehabilitation network between
          Italian Burn Centers
          M. Cupisti

11:00 - 11:30 AM  Coffee break
SESSION 6:
TRIAGE AND TREATMENT ALGORITHM
FOR MASS BURN CASUALTIES IN MASS DISASTERS
Chairman: P. Palombo
Moderators: E. Caleffi, G. Alessandro

11:30 AM  Mass Casualties in Young People: Patterns and Ways of Management under special consideration of Polylactic Membranes
H.L. Haller
11:45 AM  Rescue Coordination and Triage in Mass Burns
R. Ranno
12:00 PM  The Role of Regenerative Medicine in Mass Burns
G. Maggio
12:15 PM  How to Improve the Prognosis in Patients with Burns Greater than 50% of Total Body Surface Area
B. Azzena
12:30 PM  Role of Infections in Mass Disasters
M. Stella
12:45 PM  The Massive Highway Fire near Bologna in August 2018
D. Melandri
1:00 PM   Discussion
1:15 PM   Conference Wrap Up
GENERAL INFORMATION

Venue
Villa Romanazzi Carducci - Via G. Capruzzi 326 – Bari
Phone +39-080-5427400 - Website: www.villaromanazzi.com

Language
Italian and English are the official languages of the congress. All oral presentations will be presented with slides in English. Simultaneous translation will be provided.

REGISTRATION FEE
The registration fee is: M.D. € 150,00 (VAT included)
Resident and Nurses and € 100,00 (VAT included)
Registration fee includes: participation in the scientific sessions, congress kit, coffee breaks, lunch and certificate of attendance.

PAYMENT
Payment of registration fee can be made through the website www.meeting-planner.it (select the congress in the section “Calendario eventi”). Payments can be made by credit card or by bank transfer (all transaction fees should be paid by the participant). An invoice will be sent as confirmation of the registration.

CONTINUING MEDICAL EDUCATION (CME) - event n. 265232
This Congress has been assigned n. 15 credits.
This training event is for 100 attendees. Medical specialists in the following areas: Allergology and clinical immunology, Anesthesia and critical care, Clinical biochemistry, Clinical pathology (Chemical, clinical and microbiological laboratory), Community medicine, Continuous care, Dermatology and venereology, Emergency medicine: admissions and surgery, General medicine (Family Doctors), General surgery, Geriatrics, Gynecology and obstetrics, Internal medicine, Maxillo-facial surgery, Medical genetics, Medical genetics laboratory, Nephrology, Neonatology, Neuroradiology, Neurosurgery, Nuclear medicine, Oncology, Organization of basic health services, Orthopedics and traumatology, Otorhinolaryngology, Palliative care, Pathological anatomy, Pediatrics, Pediatrics (Primary care pediatricians), Pediatric surgery, Physical medicine and rehabilitation, Plastic and reconstructive surgery, Psychiatry, Psychotherapy, Radiodiagnosics, Radiotherapy, Thoracic surgery and Vascular surgery. Other healthcare professionals: Pediatric nurses, Dentists, Health assistants, Midwives, Nurses, Physiotherapists, Psychologists and Psychotherapists.
CME credits can be claimed and your CME certificate issued only if you: have attended the entire training event, have completed all the parts of the assessment survey and personal data, have passed the CME assessment survey (a score of 75% or higher must be attained). There can be no exceptions to these mandatory steps. Attendants are also required not to exceed acquiring over 1/3 of their credits for the three-year period (2017-2019) by recruitment invitation.

Aims of the training process:
Guidelines, Protocols, Procedures (2)

Scientific Committee
Michele Maruccia, Eleonora Nacchiero, Rossella Elia, Michelangelo Vestita
With the unconditional support of

CME Provider and Organizing Secretariat