

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

Under the Aegis of



Faculty

Alessandro Giovanni, *Palermo*
Alfano Carmine, *Perugia*
Andreone Alessandro, *Durban*
Arnez Zoran, *Trieste*
Azzena Bruno, *Padova*
Barbierato Mauro, *Roma*
Bassetto Franco, *Padova*
Bocchiotti Maria Alessandra, *Torino*
Bruschi Stefano, *Torino*
Caleffi Edoardo, *Parma*
Carty Matthew J., *Boston*
Castagnoli Carlotta, *Torino*
Caterson Edward J., *Boston*
Cervelli Valerio, *Roma*
Cherubino Mario, *Varese*
Chiara Osvaldo, *Milano*
Cigna Emanuele, *Pisa*
Cipriani Riccardo, *Bologna*
Cordova Adriana, *Palermo*
D'Alessio Roberto, *Napoli*
D'Andrea Francesco, *Napoli*
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*
Federighi Federico, *Roma*
Giudice Giuseppe, *Bari*
Goralnick Erik, *Boston*
Governa Maurizio, *Verona*
Haller Herbert, *Linz*
Introna Francesco, *Bari*
Jeffery Steven, *Birmingham*
Klinger Marco, *Milano*

Kostadinov Rostislav, *Sofia*
Lazaro Martinez José Luis, *Madrid*
Lovic Jazbec Aleksandar, *Madrid*
Maggio Giulio, *Bari*
Malan Fabrizio, *Torino*
Maruccia Michele, *Bari*
Marulli Giuseppe, *Bari*
Masellis Michele, *Bari*
Melandri Davide, *Cesena*
Morcellini Mario, *Roma*
Moret Iurilli Cinzia, *Bari*
Moretti Biagio, *Bari*
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, *Israele*
Santi Pier Luigi, *Modena*
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: **F.R. Ranno**

Moderators: **G. Dipietro, ...**

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: **C. Moret Iurilli, ...**

- 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. Catterson
- 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,..**

- 5:00 PM** Welcome Remarks by the *Following Authorities:*
President of the Apulia Region
M. Emiliano
Rector of the University of Bari "Aldo Moro"
....
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
- 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, A. Bocchiotti**

- 2:30 PM** Advanced Wound Dressings
J.L. Lazaro Martinez
- 2:45 PM** Integra 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
O. Chiara
- 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. Rosemberg

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**

- 9:15 AM** Burn Scores for Death Risk in Mass Disaster Burn Patients
G. Maggio
- 9:30 AM** What the Experience in Bucharest Has Taught Us
R. D'Alessio
- 9:45 AM** What the Experience in Verona Has Taught Us
M. Governa
- 10:00 AM** Perspectives on Acid Attacks in the UK
K. Shokrollahi
- 10:15 AM** The Importance of Skin Banking in Mass Disasters
C. Castagnoli
- 10:30 AM** Mass Burns: Organizing Rescues after the Disaster in Viareggio
A. Dilonardo
- 10:45 - 11:15 AM** *Coffee break*

SESSION 6: TRIAGE AND TREATMENT ALGORITHM FOR MASS BURN CASUALTIES IN MASS DISASTERS

Chairman: **P. Palombo**

Moderators: **E. Caleffi, G. Alessandro**

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

CALL FOR VIDEO ABSTRACT

Abstract submission deadline: 31 July 2019

Notification of abstract acceptance: 23 August 2019

Video submission deadline: 4 October 2019

During the Conference there will be an oral communications session concerning the topics listed below. The communications will be presented as videos and looped during the conference. Each first author must be registered for the Conference and can submit only one paper for the video presentation.

Topics

1. **General aspects of the management of mass disasters**
2. **Triage, trauma score and guidelines for wound management**
3. **Dermal substitutes: guidelines**
4. **Negative pressure: guidelines**
5. **Triage and guidelines for the treatment of mass burns**
6. **Enzymatic debridement of scar tissue.**

ABSTRACT FORMAT AND GUIDELINES FOR SUBMISSION

- Individuals may submit up to **1 abstract as the first author**
- Abstracts will be in English/Italian and must be limited to **300 words**, including the **title, author name(s), affiliations** and **references**
- Text font: **12 pt Times New Roman, single spacing**
- **Titles** (style: normal, font size: 14 point, centered): **limited to two lines**, followed by a blank line
- **First author and presenter name** (style: normal, underlined, font size: 12 point, centered): **first and/or middle name initialized, followed by last name written in full**. Names of other authors must be separated by a comma and marked with a superscript number or letter to distinguish different affiliations
- Authors' affiliations (style: italic, font size: 12 point, centered) must be written as separate lines. The last affiliation line must be followed by two blank lines
- **Abstract text** (style: normal, font size: 12 point) **must not be justified** and paragraphs must not be indented, but separated by a blank line
- Abstracts will be structured with the following headings: **Contents, Methods, Purposes**
- No graphics and/or tables may be inserted
- Completed abstracts may be saved as a **Word.doc** or **word.docx** document

Send abstracts to: angela@meeting-planner.it
For further information contact: angela@meeting-planner.it

ABSTRACT ACCEPTANCE

First authors will receive a notification regarding abstract acceptance following completion of the Scientific Secretariat's review process. By submitting an abstract, the author and co-authors implicitly authorize that the abstract may be made available in print or electronic media and guarantee their authorship.

GUIDELINES FOR VIDEO PREPARATION

Accepted works must be presented as a **5-minute video**.

Videos must be submitted as MP4 files. They can either contain images or a mini-movie.

All videos must be sent to angela@meeting-planner.it by 4 October 2019

PREMI

The three best videos will be awarded:

- **Free registration to the SICPRE 2020 national congress**
- **Free registration to the SIUST 2020 national congress**
- **“Sabiston trattato di Chirurgia” Edra Edizione (free book)**

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.

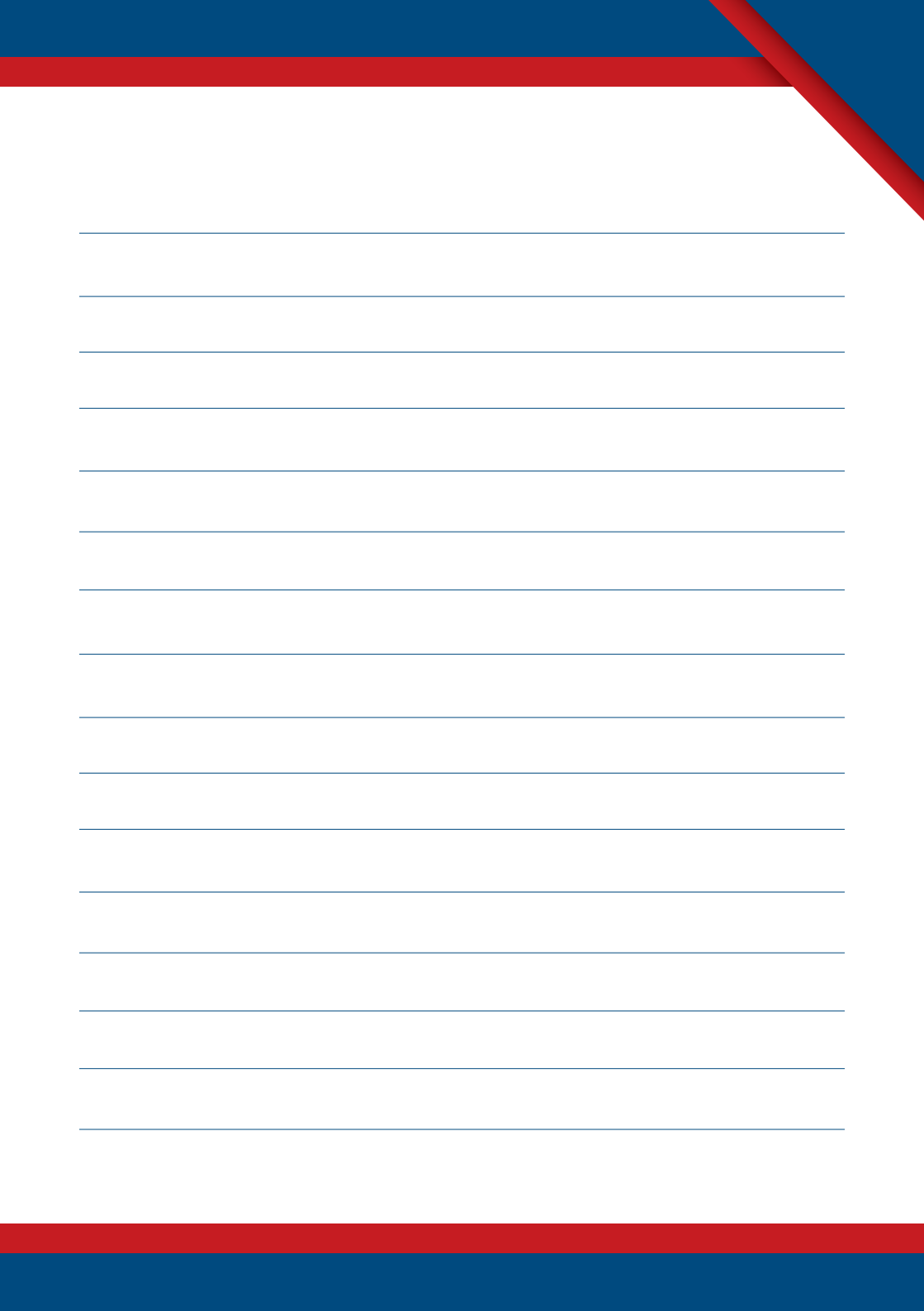
This training event is for 100 attendees. **Medical specialists in the following areas:** Allergology and clinical immunology, Anesthesia and critical care, Clinical biochemistry, Clinical pathology (Chemical, clinical and microbiological laboratory), Community medicine, Continuous care, Dermatology 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, Radiodiagnostics, 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



MEETING PLANNER

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