

TRAUMA UPDATE

TRAUMA MANAGEMENT IN HOSTILE ENVIRONMENTS

MILAN

December 12th, 2022

Aula Magna

ASST Grande Ospedale Metropolitano Niguarda

ENDORSED BY



The World Society of Emergency Surgery
Italian Chapter

UNDER THE PATRONAGE OF



SCIENTIFIC RECOGNITION OF

AAST American Association for the Surgery of Trauma

SIAARTI Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva

INTRODUCTION

The assessment and treatment of **traumatic injuries in a hostile environment** pose particular challenges due to the **scarcity of available instrumental resources** and **adverse logistical conditions**.

In the last twenty years, the **experiences of managing traumatized patients in war scenarios** have enabled the development of knowledge concerning damage control surgical techniques and volume re-expansion strategies, which, **transferred to the civilian sphere**, have enhanced a significant reduction of mortality, particularly from haemorrhagic causes.

In these settings, the key elements of the management of the traumatized patient are represented by a **rapid triage**, by the **early use of blood components for volume re-expansion**, by the use of **damage control surgery for a sudden control of haemorrhage and infection**, and by the onward transfer of the patient to facilities equipped with the necessary resources for the definitive treatment of the injuries.

In particular, the optimization of massive transfusion protocols and the early use of blood components on the scene, recently introduced, offer the advantage of **reducing the consequences of trauma-induced coagulopathy**.

The purpose of the "Trauma Update - Trauma Management in Hostile Environments" Conference is to provide, through the participation of national and international faculty with recognized experience in both the military and civilian fields, the most up-to-date knowledge and tools for a **multidisciplinary and systematic approach to the trauma patient in a low resource environment**.

SCIENTIFIC COMMITTEE

Oswaldo Chiara (Milan, Italy)

Stefania Cimbanassi (Milan, Italy)

FACULTY

Vanessa Agostini (Genova, Italy)

Michele Altomare (Milan, Italy)

Luca Ansaloni (Pavia, Italy)

Oswaldo Chiara (Milan, Italy)

Stefania Cimbanassi (Milan, Italy)

Stefano Cioffi (Milan, Italy)

Jean-Claude D'Alleyraud (Ramstein, Germany)

Costantino Fontana (Rome, Italy)

Riccardo Giudici (Milan, Italy)

Sharon Henry (Baltimore, MD, USA)

Alberto Leonardi (Rome, Italy)

Giuseppe Noschese (Naples, Italy)

Gina Portella (Milan, Italy)

Nadir Rachedi (Rome, Italy)

Silvano Rossini (Milan, Italy)

Fabrizio Sammartano (Milan, Italy)

Thomas Scalea (Baltimore, MD, USA)

Riccardo Stucchi (Milan, Italy)

SCIENTIFIC PROGRAM

8.15 *Registration*

8.45 **Greetings from the Authorities**

09.00-10.45 | SESSION 1 - HAEMORRHAGE CONTROL

President: Osvaldo Chiara | Chairmen: Luca Ansaloni, Jean-Claude D'Alleyraud

09.00 **Case presentation**

Stefano Cioffi

09.15 **Control of compressible haemorrhage**

Which strategies and devices?

Fabrizio Sammartano

09.35 **Control of non-compressible haemorrhage**

Which strategies and devices?

Thomas Scalea

09.55 **Wound Care**

Techniques and dressings

Sharon Henry

10.15 **Discussion**

10.45 **Trauma Management in a Low Incoming Country**

Gina Portella

11.00-11.15 *Break*

11.15-13.00 | SESSION 2 - RESUSCITATION STRATEGIES

President: Giuseppe Noschese | Chairmen: Stefania Cimbanassi, Silvano Rossini

11.15 **Case presentation**

Michele Altomare

11.30 **Haemocomponents**

Coagulopathy, thromboembolic events, anticoagulated patients

Vanessa Agostini

11.50 **Transfusion in austere setting**

Which type of blood is appropriate?

Thomas Scalea

12.10 **Haemodynamic monitoring**

Parameters and devices

Riccardo Giudici

12.30 **Discussion**

13.00-14.00 *Lunch break*

14.00-15.45 | SESSION 3 - TRAUMA MANAGEMENT IN ROLE 2 MEDICAL FACILITIES

President: Thomas Scalea | Chairmen: Luca Ansaloni, Riccardo Stucchi

14.00 **Case presentation**

Costantino Fontana

14.15 **Triage tools**

Triage in the battle field

Nadir Rachedi

14.35 **Imaging trauma patient in a deployed setting**

Devices and sequence

Alberto Leonardi

14.55 **Surgical strategies**

Damage control vs definitive repair

Jean-Claude D'Alleyraud

15.15 **Discussion**

15.45 **Closing remarks**

GENERAL INFORMATION

VENUE

Aula Magna (Pavillon nr. 1, First floor) - ASST Grande Ospedale Metropolitano Niguarda
Piazza Ospedale Maggiore, 3 - 20162 Milan (Italy)

REGISTRATION

On-line registration at www.noemacongressi.it.

Registration Fees

- **Full fee: € 130,00 + 22% VAT** (Physician)
- **Reduced fee: € 100,00 + 22% VAT** (WSES member, Resident, Nurse, Technician)

The fee includes: admittance to the Scientific Sessions, Congress kit, certificate of attendance, CME credits (if achieved).

CME CREDITS

- **Provider:** Noema srl unipersonale (Id. 891) - **Id. event:** 365391 - **Number of credits:** 1,5
- **Categories included in CME accreditation:** Physician (Anesthesia and resuscitation, General surgery, Maxillofacial surgery, Pediatric surgery, Plastic and reconstructive surgery, Thoracic surgery, Vascular surgery, Emergency and admission medicine and surgery, Physical medicine and rehabilitation, Neurosurgery, Neurophysiopathology, Neurology, Neuroradiology, Orthopedics and traumatology, Psychotherapy, Radiodiagnostics), Nurse, Pediatric nurse, Neurophysiopathology technician, Physiotherapist, Orthopedic technician, Radiology technician, Occupational therapist
- **Educational objective:** Guidelines - Protocols - Procedures

To obtain CME credits, it is mandatory to:

- attend the entire Conference
- complete the CME online forms within 72 hours.

The day after the Conference the link will be sent to those entitled. It is the participants' responsibility to verify that they have received the link in order to complete the forms in time.

LANGUAGE

English is the official language of the Conference. Simultaneous translation won't be provided.

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be sent by email to each participant by the Organizing Secretariat the day after the Conference.

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