

TRAUMA UPDATE

TRAUMA IN SPECIAL PATIENTS

MILAN (Italy)

December 12th, 2023

Aula Magna

ASST Grande Ospedale Metropolitano Niguarda

ENDORSED BY



The World Society of Emergency Surgery
Italian Chapter

UNDER THE PATRONAGE OF



SCIENTIFIC RECOGNITION OF



INTRODUCTION

During the management of major trauma patients several conditions pose unique challenges. These are represented by **pregnancy and the age extremes**.

These special patients show peculiar aspects due to **difference in their pathophysiology, anatomy and metabolic reserve**, which have to be taken into account when dealing with suffered traumatic injuries and related resuscitation strategies.

Trauma is the leading non-obstetrical cause of maternal morbidity and mortality, and maternal injury severity correlates to trauma-related fetal demise. Preterm labor can complicate up to 25% of trauma patients with a viable fetus, and caesarean section may be necessary in emergency setting.

In **paediatric trauma patients**, the knowledge of anatomic and physiologic peculiarities is mandatory to optimally give care, since differences between children and adults can have potential clinical consequences. Furthermore, since most paediatric trauma care occurs outside the setting of designated paediatric trauma centres, it is imperative that any treating hospital transfer severely injured patients to a higher level of care when conditions exceed capabilities. At the same time criteria for centralization to a referral trauma centre from the scene must be well established in advance.

The **older individual's response to injury** may be affected by age-related anatomy and physiology as well as the presence of chronic medical conditions and medications. In particular, when compared with younger cohorts, trauma in the elderly results in sicker patients with lower ISS, increased hospital length of stay, and mortality. The magnitude of the patient's injuries should be reassessed after aggressive initial resuscitation and diagnostic work-up, while the appropriateness of care, or ethical aspects, should be discussed with patient (if competent) and family members.

The purpose of the "Trauma Update - Trauma in Special Patients" Conference is to provide, through the participation of **national and international faculty** with recognized experience in the addressed topics, the most up-to-date knowledge and tools for a multidisciplinary and systematic approach to the traumatic injuries in pregnancy and in the age extremes.

SCIENTIFIC COMMITTEE

Osvaldo Chiara (Milan, Italy)

Stefania Cimbanassi (Milan, Italy)

FACULTY

Diana Artioli (Milan, Italy)

Francesca Bindi (Milan, Italy)

Luca Carenzo (Milan, Italy)

Stefano Cattaneo (Brescia, Italy)

Maurizio Cheli (Bergamo, Italy)

Stefano Cioffi (Milan, Italy)

Sharon M. Henry (Baltimore, MD, USA)

Francesco Macchini (Milan, Italy)

Paolo Marra (Bergamo, Italy)

Luigi Montagnini (Milan, Italy)

Serena Ruberti (Bergamo, Italy)

Thomas M. Scalea (Baltimore, MD, USA)

Roberto Stefini (Legnano, MI, Italy)

SCIENTIFIC PROGRAM

8.15-8.45

Registration

8.45 Welcome | *O. Chiara, S. Cimbanassi*

9.00-11.00

SESSION 1 - TRAUMA IN PREGNANT PATIENT

Chairman: S. Henry

09.00 Case Presentation | *F. Bindi*

09.15 Diagnostic work-up: minor versus major trauma | *D. Artioli*

09.35 Discussion

09.50 Resuscitation Strategies | *L. Carenzo*

10.10 Discussion

10.25 Damage Control and Caesarean Section | *T. Scalea*

10.45 Discussion

11.00-13.00

SESSION 2 - TRAUMA IN PEDIATRIC PATIENT

Chairman: F. Macchini

11.00 Case Presentation | *M. Cheli*

11.15 Centralization criteria | *S. Ruberti*

11.35 Discussion

11.50 Diagnostic work-up: minor versus major trauma | *P. Marra*

12.10 Discussion

12.25 Resuscitation strategies | *L. Montagnini*

12.45 Discussion

13.00-14.00

Lunch Break

14.00-16.00

SESSION 3 - TRAUMA IN THE ELDERLY

Chairman: O. Chiara

14.00 Case Presentation | *S. Cioffi*

14.15 Low energy falls | *S. Cattaneo*

14.35 Discussion

14.50 Brain trauma in anticoagulated patient | *R. Stefini*

15.10 Discussion

15.25 Ethical aspects in the oldest | *S. Henry*

15.45 Discussion

16.00 Closing Remarks | *O. Chiara, S. Cimbanassi*

GENERAL INFORMATION

VENUE

Aula Magna (Pavillon nr. 1 - 1st floor)

ASST Grande Ospedale Metropolitano Niguarda
P.zza Ospedale Maggiore, 3 - 20162 Milan (Italy)

REGISTRATION

On-line registration at www.noemacongressi.it.

Registration Fees

- **Full fee: € 150,00 + 22% VAT** (Physician)
- **Reduced fee: € 110,00 + 22% VAT** (Resident, other Healthcare Professional)

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

The staff of Niguarda Hospital interested in joining the Congress can contact the Secretary of DEA-EAS Department, Tiziana Filomia - tiziananatalina.filomia@ospedaleniguarda.it - ph. +39 02 6444 7209).

CME CREDITS

- **Provider:** Noema srl unipersonale (Id. 891) - **Id. event:** 401456 - **Number of credits:** 1,8
- **Categories included in CME accreditation:** Physician (Anesthesia and resuscitation, General surgery, Maxillofacial surgery, Pediatric surgery, Plastic and reconstructive surgery, Thoracic surgery, Vascular surgery, Emergency medicine and surgery, Physical medicine and rehabilitation, Neurosurgery, Neurology, Orthopedics and traumatology, Radiodiagnostics), Nurse, Physiotherapist, Orthopedic technician, Radiology technician
- **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

Italian and English are the official languages of the Conference. Simultaneous translation will 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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