

TRAUMA UPDATE

TRAUMA IN SPECIAL PATIENTS

MILAN (Italy)

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Aula Magna

ASST Grande Ospedale Metropolitano Niguarda

Endorsed by



The World Society of Emergency Surgery
Italian Chapter

Preliminary program

SCIENTIFIC COMMITTEE

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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 PROGRAM

8.15-8.45

Registration

8.45 Welcome

9.00-11.00

SESSION 1 - TRAUMA IN PREGNANT PATIENT

09.00 Case Presentation

09.15 Diagnostic work-up: minor versus major trauma

09.35 Discussion

09.50 Resuscitation Strategies

10.10 Discussion

10.25 Damage Control and Caesarean Section

10.45 Discussion

11.00-13.00

SESSION 2 - TRAUMA IN PEDIATRIC PATIENT

11.00 Case Presentation

11.15 Centralization criteria

11.35 Discussion

11.50 Diagnostic work-up: minor versus major trauma

12.10 Discussion

12.25 Resuscitation strategies

12.45 Discussion

13.00-14.00

Lunch Break

14.00-16.00

SESSION 3 - TRAUMA IN THE ELDERLY

14.00 Case Presentation

14.15 Low energy falls

14.35 Discussion

14.50 Brain trauma in anticoagulated patient

15.10 Discussion

15.25 Ethical aspects in the oldest

15.45 Discussion

16.00 Closing Remarks



ORGANIZING SECRETARIAT AND CME PROVIDER

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