

# TRAUMA UPDATE

Monday, 15th December 2014

## INTERNATIONAL CONSENSUS CONFERENCE ON OPEN ABDOMEN IN TRAUMA When and how

### MILAN

*Aula Magna  
Azienda Ospedaliera  
Ospedale Niguarda Ca' Granda*

### OFFICIALLY ENDORSED BY

ESTES European Society for Trauma  
and Emergency Surgery

IDMA International Disaster  
Medicine Association

ISHAWS Italian Society of Hernia  
and Abdominal Wall Surgery

SIAARTI Società Italiana di Anestesia  
Analgesia Rianimazione e Terapia Intensiva

SICUT Società Italiana Chirurgia  
d'Urgenza e del Trauma

SLC Società Lombarda di Chirurgia

WSES World Society of Emergency Surgery



SOCIETÀ ITALIANA DI CHIRURGIA  
D'URGENZA E DEL TRAUMA



WORLD SOCIETY OF  
EMERGENCY SURGERY

## ▶ PROPOSED BY

**Oswaldo Chiara** (Trauma Update)  
**Fausto Catena** (World Society of Emergency Surgery)

## ▶ SCIENTIFIC BOARD (SB)

**Luca Ansaloni** (Bergamo)  
**Arturo Chierogato** (Florence)  
**Stefania Cimbanassi** (Milan)  
**Elvio De Blasio** (Benevento)  
**Giorgio Gambale** (Cesena)  
**Giovanni Gordini** (Bologna)  
**Giuseppe Nardi** (Rome)  
**Pietro Padalino** (Monza)

## ▶ INTERNATIONAL PANEL OF EXPERTS (IPE)

**Walter Biffi** (Denver, CO, USA)  
**Sharon Henry** (Baltimore, MD, USA)  
**Ari Leppaniemi** (Helsinki, Finland)  
**Thomas M. Scalea** (Baltimore, MD, USA)

## ▶ NATIONAL PANEL OF EXPERTS (NPE)

**Maurizio Buonanno** (Benevento)  
**Maurizio Castriconi** (Naples)  
**Emiliano Cingolani** (Rome)  
**Federico Coccolini** (Bergamo)  
**Carlo Coniglio** (Bologna)  
**Paolo De Rai** (Milan)  
**Salomone Di Saverio** (Bologna)  
**Luca Fattori** (Monza)  
**Monica Geltrude Lippi** (Milan)  
**Stefano Magnone** (Bergamo)  
**Roberto Manfredi** (Bergamo)  
**Anna Mariani** (Milan)  
**Francesca Mengoli** (Bologna)  
**Francesco Morelli** (Bologna)  
**Joseph Negreanu** (Milan)  
**Stefano Rausei** (Varese)  
**Salvatore Razzi** (Aosta)  
**Sergio Ribaldi** (Rome)  
**Fabrizio Sammartano** (Milan)  
**Liliana Trotta** (Milan)  
**Gregorio Tugnoli** (Bologna)  
**Annalisa Volpi** (Parma)  
**Mauro Zago** (Bergamo)

## ▶ REPRESENTATIVES OF THE FOLLOWING SCIENTIFIC SOCIETIES AND ORGANIZATIONS PARTICIPATE TO THE CONSENSUS

### TRAUMA UPDATE

*Giovanni Gordini*

**AAST** American Association for the Surgery of Trauma  
*Thomas M. Scalea*

**ACOI** Associazione Chirurghi Ospedalieri Italiani  
*Sergio Ribaldi, Gregorio Tugnoli*

**ESTES** European Society for Trauma and Emergency Surgery  
*Ari Leppaniemi*

**IDMA** International Disaster Medicine Association  
*Giuseppe Noschese*

**ISHAWS** Italian Society of Hernia and Abdominal Wall Surgery  
*Francesco Gossetti*

**SIAARTI** Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva  
*Giuseppe Nardi*

**SICUT** Società Italiana Chirurgia d'Urgenza e del Trauma  
*Pietro Padalino*

**SLC** Società Lombarda di Chirurgia  
*Paolo Dionigi*

**WSES** World Society of Emergency Surgery  
*Luca Ansaloni*

## ▶ ROAD MAP

### JUNE - SEPTEMBER 2014

SB selects international literature and classifies for specific topics. Papers of each topic are sent to blinded members of NPE which assigns class of evidence and propose specific answers based on revised literature and personal experience.

### OCTOBER 2014

SB reviews answers by NPE for further revision and evaluation of agreement and disagreement for specific questions. Answers are sent to IPE to obtain definitive positions.

### DECEMBER 2014

The day before consensus (December 14) panel meeting between IPE, SB, representatives of Societies, for final discussion about presentations of "state of the art" to the audience of the consensus. On December 15, 2014, consensus conference is organized in Milano with clinical cases, literature review and position papers for each topic. Each topic will be largely discussed with audience.

### JANUARY - MARCH 2015

SB reviews conclusions of experts, discussion with audience, and elaborates a guideline paper which is reviewed by IPE and submitted for publication.

- 09.00 **Remarks**  
Direction of Ospedale Niguarda Ca' Granda
- 09.15 **Introduction**  
Osvaldo Chiara, Fausto Catena
- 09.30 **PRESIDENTIAL LECTURE**  
**The history of open abdomen**  
Ari Leppaniemi
- 10.00 **1<sup>st</sup> SESSION**  
**WHICH INDICATIONS TO OPEN ABDOMEN IN TRAUMA**  
**TOPIC REVIEWED BY:** Salomone Di Saverio, Stefano Magnone, Anna Mariani, Francesca Mengoli, Stefano Rausei, Gregorio Tugnoli  
**CHAIR/DISCUSSANT:** Osvaldo Chiara, Arturo Chierigato, Elvio De Blasio
- 10.00 **CLINICAL CASE**  
Anna Mariani
- 10.10 **WHAT THE LITERATURE SAYS:**  
  - *in patients with risk factors for ACS, is preventive open abdomen indicated?*
  - *when surgical abdominal decompression is formally required in abdominal compartment syndrome (ACS)?*
 Stefano Magnone
- 10.25 **WHAT THE LITERATURE SAYS:**  
  - *which conditions, other than ACS, require open abdomen in trauma?*
 Stefano Rausei
- 10.40 **POSITION PAPER**  
Thomas M. Scalea
- 11.00 **Discussion**
- 11.30 **2<sup>nd</sup> SESSION**  
**WHICH TECHNIQUE FOR TEMPORARY ABDOMINAL CLOSURE (TAC)?**  
**TOPIC REVIEWED BY:** Maurizio Castriconi, Federico Coccolini, Carlo Coniglio, Francesco Morelli, Joseph Negreanu, Salvatore Razzi  
**CHAIR/DISCUSSANT:** Fausto Catena, Giovanni Gardini, Pietro Padalino
- 11.30 **CLINICAL CASE**  
Fabrizio Sammartano
- 11.40 **WHAT THE LITERATURE SAYS:**  
  - *which device for NPWT is recommended (Barker, Wittman patch, Commercial, etc?)*
  - *when Negative Pressure Wound Therapy (NPWT) is indicated in open abdomen?*
  - *which negative pressure level is suggested in hemorrhagic patients?*
  - *is anastomosis safe in open abdomen?*
 Federico Coccolini
- 11.55 **WHAT THE LITERATURE SAYS:**  
  - *which is the role of NPWT on systemic inflammatory response after abdominal trauma?*
  - *is abdominal instillation an option to be considered in open abdomen?*
 Maurizio Castriconi
- 12.10 **POSITION PAPER**  
Sharon Henry
- 12.30 **Discussion**
- 13.00 **LUNCH BREAK**
- 14.00 **PRESIDENTIAL LECTURE**  
**The AAST open abdomen study group: data about USA multicenter survey**  
Thomas M. Scalea
- 14.30 **3<sup>rd</sup> SESSION**  
**FROZEN OPEN ABDOMEN**  
**TOPIC REVIEWED BY:** Maurizio Buonanno, Monica Geltrude Lippi, Sergio Ribaldi, Liliana Trotta, Annalisa Volpi  
**CHAIR/DISCUSSANT:** Stefania Cimbanassi, Giuseppe Nardi, Gregorio Tugnoli
- 14.30 **CLINICAL CASE**  
Anna Mariani
- 14.40 **WHAT THE LITERATURE SAYS:**  
  - *which are the risk factors for frozen open abdomen?*
  - *which are the risk factors for fistula formation in open abdomen?*
  - *which is the best surgical management for fistula control and definitive correction?*
 Maurizio Buonanno
- 14.55 **WHAT THE LITERATURE SAYS:**  
  - *which is the role of nutritional/metabolic support in patients with open abdomen and fistula (enteral/parenteral nutrition, caloric intake, site of administration in enteral, immunonutrition)?*
  - *which is the role of NPWT for the management and nursing of open abdomen with fistula?*
 Monica Lippi, Liliana Trotta
- 15.10 **POSITION PAPER**  
Walter Biffi
- 15.30 **Discussion**
- 16.00 **4<sup>th</sup> SESSION**  
**WHICH TECHNIQUE FOR THE DEFINITIVE CLOSURE**  
**TOPIC REVIEWED BY:** Emiliano Cingolani, Paolo De Rai, Luca Fattori, Roberto Manfredi, Fabrizio Sammartano, Mauro Zago  
**CHAIR/DISCUSSANT:** Luca Ansaloni, Giorgio Gambale, Sergio Ribaldi
- 16.00 **CLINICAL CASE**  
Roberto Manfredi
- 16.10 **WHAT THE LITERATURE SAYS:**  
  - *is biologic mesh a reliable option? which indications for component separation, rotational flaps or free revascularized flaps?*
  - *when planned ventral hernia has to be considered?*
 Luca Fattori, Mauro Zago
- 16.25 **WHAT THE LITERATURE SAYS:**  
  - *which type of biologic mesh, cross or not-cross linked, is recommended?*
  - *which is long term outcome of biological mesh?*
 Francesco Gossetti
- 16.40 **POSITION PAPER**  
Ari Leppaniemi
- 17.00 **Discussion**
- 17.30 **END OF CONSENSUS**  
**Closing remarks**  
Osvaldo Chiara, Fausto Catena

▶ **TRAUMA UPDATE  
COORDINATION COMMITTEE**

**Oswaldo Chiara**, Milan  
**Arturo Chierogato**, Florence  
**Elvio De Blasio**, Benevento  
**Giorgio Gambale**, Cesena  
**Giovanni Gordini**, Bologna  
**Giuseppe Nardi**, Rome

▶ **TRAUMA UPDATE TECHNICAL  
AND SCIENTIFIC COMMITTEE**

**Vanessa Agostini**, Cesena  
**Giovanni Bini**, Cesena  
**Stefania Cimbanassi**, Milan  
**Emiliano Cingolani**, Rome  
**Carlo Coniglio**, Bologna  
**Francesca Mengoli**, Bologna  
**Alessandro Monesi**, Bologna  
**Concetta Pellegrini**, Benevento  
**Daniele Poole**, Belluno  
**Gianfranco Sanson**, Trieste  
**Annalisa Volpi**, Parma  
**Claudio Tacconi**, Bologna

▶ **VENUE**

**Aula Magna**  
**A.O. Ospedale Niguarda Ca' Granda**  
Piazza Ospedale Maggiore, 3 – 20162 Milan (Italy)

**How to reach the venue**

From Milano Centrale railway station

- Metro line nr. 3 (yellow) direct to Maciachini; get off at "Maciachini" Station and take tram 4 direct to Niguarda Ca' Granda Hospital, get off at "Ospedale Maggiore" stop, in front of the Hospital main entrance
- tram nr. 5, get off at viale Ca' Granda stop;

From Milano Garibaldi railway station  
or Largo Cairoli-center of Milan

- tram nr. 4, get off in front of Niguarda Ca' Granda Hospital

▶ **REGISTRATION**

On-line registration at [www.noemacongressi.it](http://www.noemacongressi.it)  
(while seats last).

▶ **REGISTRATION FEES**

- Physician: € 120,00 + 22% VAT
- Nurse, Resident, Radiology Technician: € 85,00 + 22% VAT

▶ **CANCELLATION**

In case of cancellation of registration, to be compulsorily communicated in written form (by email or fax), by 14th November 2014, the 70% of the fee will be refunded. After this date no refund will be done.

▶ **CME CREDITS**

Regional credits for Continuing Medical Education (CME) will be requested for Physicians, Nurses and Radiology Technicians.

▶ **LANGUAGE**

The official languages of the Conference are English and Italian. Simultaneous interpreting will be provided.

▶ **CERTIFICATE OF ATTENDANCE**

Certificates of attendance will be issued to each participant by the Organizing Secretariat at the end of the Congress.

▶ **ORGANIZING SECRETARIAT**

**N O E M A**

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Libreria Scientifica  
**IL MACINAPEPE**

**LR** Lohmann & Rauscher

**MV** Medical Solutions

**Takeda**

**ZUCCATO HC**  
medical & assistance  
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