



**MANAGEMENT OF MASSIVE BLEEDING /
HEMORRHAGIC SHOCK**

- A TSIS 2010 Conference -

March 12th to 13th, 2010

- A) Incidence and Burden of Massive Hemorrhage**
- B) Scientific Basis of Post Injury Coagulopathy**
- C) Intravenous Volume Management**
- D) Goals and Initiation of Medical Treatment**
- E) Blood Replacement Therapy**

*The conference is organized in Scientific Cooperation with- and Endorsed by **German Society for Anesthesiology and Intensive Care Medicine (DGAI)***



A) INCIDENCE AND BURDEN OF MASSIVE HEMORRHAGE

Friday, March 12th, 2010
1:00 pm – 3:45 pm

Moderators: Michael Yaffe, Boston, USA
Kai Zacharowski, Frankfurt/Main, Germany

Pathophysiology and Treatment of Experimental Hemorrhage
C. Thiemeermann, London, United Kingdom

Crossroads of Hemorrhagic Shock and Inflammation
M. Huber-Lang, Ulm, Germany

Initial Emergency Room Management of Patients with Hemorrhagic Shock
K. Zacharowski, Frankfurt/Main, Germany

Facts and Figures of Massive Surgical/Traumatic Bleeding
M. West, San Francisco, USA

Control of Life Threatening Hemorrhage: The Role of the Interventional Radiologist
T. Wagershauser, Munich, Germany

Massive Hemorrhage Guidelines – The Next Generation
K. Brohi, London, United Kingdom

Optimization of New Human Shock Studies: Role of Mathematical Modeling
M. Yaffe, Boston, USA



B) SCIENTIFIC BASIS OF POST INJURY COAGULOPATHY

Friday, March 12th, 2010
4:00 pm – 6:45 pm

Moderators: Karim Brohi, London, United Kingdom
Ernest E. Moore, Denver, USA

Pathogenesis of Early Post injury Coagulopathy

M. J. Cohen, San Francisco, USA

Trauma Induced Coagulopathy – The Known- and the Unknown

J. Holcomb, Houston, USA

Hyperfibrinolysis Following Major Trauma

H. Schoechl, Vienna, Austria

Point of Care Diagnostics for the Assessment of Acute Coagulopathy

M. Schreiber, Portland, USA

Point of Care Diagnostics for Guiding Transfusion Therapy

D. Fries, Innsbruck, Austria

Guidelines for Blood Factor Replacement

M. Spannagl, Munich, Germany



C) INTRAVENOUS VOLUME MANAGEMENT

Saturday, March 13th, 2010
8:30 am – 10:45 am

Moderators: Markus Rehm, Munich, Germany
Kai Zacharowski, Frankfurt/Main, Germany

Pre-Operative Resuscitation of Trauma Patients
P. E. Pepe, Houston, USA

Balanced Crystalloids and Colloids – To Be or Not to Be
D. A. Story, Heidelberg, Australia

New Insights on Fluid Therapy, Oliguria and Acute Kidney Injury
S. M. Bagshaw, Edmonton, Canada

Perioperative Volume Balance: Volume Critical for Complications?
M. Rehm, Munich Germany

Artificial Colloids are Safe
PRO: J. Boldt, Ludwigshafen, Germany
CON: K. Reinhart, Jena, Germany



D) GOALS AND INITIATION OF MEDICAL TREATMENT

Saturday, March 13th, 2010
11:00 am – 1:30 pm

Moderators: Wolfgang Korte, St. Gallen, Switzerland
 Marcel M. Levi, Amsterdam, Netherlands

Effect of Co-Morbidity and Bleeding on Outcome in Patients with Major Trauma
S. Wutzler, Frankfurt/Main, Germany

Management of Severe Bleedings in Anticoagulated Patients (Old and New Anticoagulants)
M. M. Levi, Amsterdam, Netherlands

Coagulation Management during Liver Transplantation
K. Goerlinger, Essen, Germany

The Unexplained Intraoperative Coagulopathy: The Role of Factor XIII
W. Korte, St. Gallen, Switzerland

The Use of Tranexamic Acid in the Management of Trauma and Post Partum Haemorrhage
B. Hunt, London, United Kingdom

Artificial Blood: Successful Proof of Concept vs. Doubtful Minds
E. E. Moore, Denver, USA



E) BLOOD REPLACEMENT THERAPY

Saturday, March 13th, 2010
2:00 pm – 4:30 pm

Moderators: Wulf Dietrich, Munich, Germany
Michael Spannagl, Munich, Germany

Rationale for- and Restrictive Use of RBC Transfusion

W. Dietrich, Munich, Germany

Indications for- and Risks of FFP (Pre-Thawed and High Dose)

M. Schreiber, Portland, USA

Central Role of Thrombin in Hemostasis and the Use of PCC

J. Hoffmann, Munich, Germany

What are the 2010 Best Practice Recommendations for the Use of Fibrinogen?

B. Hunt, London, United Kingdom

Update and Critical Appraisal of Recombinant Factor VIIa in Trauma

B. Bouillon, Cologne, Germany

Novel Treatment Paradigms Desirable?

C. Von Heymann, Berlin, Germany