

Role of Scandinavian Guidelines in massive bleeding ?



Do we need Scandinavian guidelines ?

NO

- Existing guidelines cover the need
- Strong opinions
- Different traditions

YES

- Differences between existing guidelines
- Level of evidence ?
- Similarities between the Scandinavian countries
- Scandinavian consensus would improve communication



European guidelines, crit care 2007

www.trauma.org

www.sccm.org

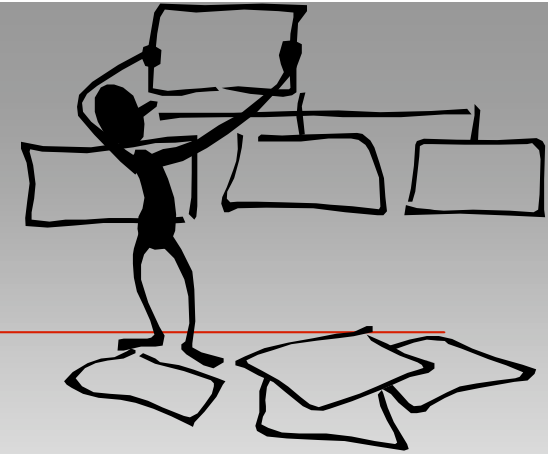
www.east.org

If yes

- What ?
 - Content
 - Format
 - Level of evidence
- Who ?
 - Author(s) per topic ?
 - How many countries ?
- How ?
 - Email, meetings...
- For whom ? Where ?
 - Small hospitals
 - Large hospitals
 - Prehospital



What ?



- Content
 - Any topic related to the massively bleeding patient
 - Many topics trauma related
 - Format
 - When we have time to look up the answers...
 - We would turn to existing internationally acknowledged guidelines
 - Short practical summary
 - One acceptable way
 - Web based
 - Short version for publishing in peer reviewed journal (?)
 - Level of evidence - "as good as it gets"
 - Based on existing guidelines and literature
 - Maximum 5 references per chapter
 - Authors' own experience
-

For whom ? Where ?

- Random competence
 - Lack of trauma systems
 - Lack of competence criteria
 - Lack of systematic education

- To be worth the effort...
 - Has to offer something different
 - Widely applicable simple rules
 - Whole treatment chain
 - Anywhere in Scandinavia
 - Useful in stressful situation



Who ?

- Specialists recommended by members of Scantem
 - Weakness ?
 - Volunteers ?

- Specified authors for each topic
 - Specialists in their field

- Authors from at least 2 countries per topic
 - Controversial topics covered by authors from the 4 countries



How ? When ?

Email

- No strong format guidelines
- Gradually merging into one style ...

Meetings

- Stockholm June 2005
- Stavanger September 2005
- Malmö September 2006

Loong story short....

- Read it on www.akuttjournalen.com



Scandinavian Guidelines follow the patient...

1. Prehospital considerations
 2. ED - Emergency department
 - Trauma team activation and organization of the ED
 - Initial in-hospital resuscitation
 3. IR - Interventional radiology
 4. OR - operating room
 - DCS - Damage Control Surgery
 - DCS in the abdomen
 - DCS in the chest
 - DCS in the pelvis
 5. ICU - Intensive Care Unit
 - End-points of resuscitation in the ICU
 - ACS - Abdominal Compartment Syndrome
 6. Transfusion protocols and haemostatic agents
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Authors



Introduction

- Erika Christensen (DK), Lauri Handolin (SF), Tina Gaarder (N)

Prehospital considerations

- Eldar Søreide (N), Hans Morten Lossius (N), Erika Christensen (DK)

ED - Emergency department

- ED - Per Örtenwall (S), Lauri Handolin (SF), Freddy Lippert (DK), Tina Gaarder (N)
- Resuscitation - Nils Oddvar Skaga (N), Freddy Lippert (DK)

IR - Interventional radiology

- Krassi Ivancev (S), Tina Gaarder (N)
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Authors (cont'd)

- OR - operating room
 - DCS - Johan Pillgram-Larsen (N), Tina Gaarder (N), Pål Aksel Næss (N), Per Örtenwall (S)
 - Chest - Lauri Handolin (SF), Johan Pillgram-Larsen (N)
 - Pelvis - Olav Røise (N), Anna Tøttermann (N), Lauri Handolin (SF)

 - ICU - Intensive Care Unit
 - ICU - Helge Opdahl (N), Else Tønnessen (DK)
 - ACS - Ari Leppaniemi (SF), Tina Gaarder (N)

 - Transfusion protocols and haemostatic agents
 - Hans Erik Heier (N), Jacob Stensballe (DK), Pertti Hakkala (SF), Johan Pillgram-Larsen (N), Anders Østlund (DK)
-

www.akuttjournalen.com



- On the web from May 15
 - Open for comments to editor@akuttjournalen.com
- Printed version has been discussed
 - No sponsoring
 - ???
- Short version to be published in peer reviewed journal
- Endorsement
 - SSAI, EATES

The role of the Scandinavian Guidelines ?
It is up to you - please read and comment !

Thanks to all contributors !!

