



7th EVTm Symposium

HOT TOPICS in EndoVascular resuscitation and Trauma Management

JEVTM

Region Örebro County
Örebro University Hospital

Preliminary scientific program

FRIDAY December 3rd

07.00 **Registration opens / Coffee**

07.30 **Opening remarks** - Tal Hörer, US, Megan Brenner (US), Joe DuBose (US), Viktor Reva (RU), Boris Kessel (IL) and Anna Maria Ilerardi (IT)
Welcome by Prof. Mats Karlsson (SE)

Opening session, Keynote Talks - Hot topics in EVTm applications

6 min talk + 4 min discussions

Speakers and panelists (TBA): Ken Boffard (ZA), Thomas Scalea (US), Eugene Moore (US), Frank Planì (ZA), Todd Rasmusson (US), Thomas Larzon (SE), Stephan Haulon (FR), Carl Magnus Wahlgren (SE), Megan Brenner (US), John Holcomb (US), Louise Riddez (SE), Lionel Lamhault (FR), Gustavo Oderich (US)

07.40 EndoVascular resuscitation and Trauma Management: Where do we stand -

07.50 EVTm multidisciplinary issues- Who should do what? USA vs EU vs non-Eu prospectives -

08.00 Advances in endovascular surgery for bleeding control in rAAA, rTAA, acute dissections -

08.10 The Unstable bleeding trauma patient- Where does EVTm come in? -

08.20 Complications in vascular surgery and endo/hybrid solutions- what can we do and where do we -

08.30 Modern technology, new tools and EVTm (endografts, embolization, balloons, CT and Ultrasound) - where do we go? -

08.40 Developments in modern trauma and bleeding management - View of a senior trauma surgeon -

08.50 EndoVascular resuscitation- what is new, what is coming? -

09.00 **Round table discussion:** How to go forward with EVTm?

Session 2: Hot topics in Vascular access for the unstable patient

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Zoran Rancic (CH), Martin Delle (SE), David Lindström (SE), Lionel Lamhault (FR), Chuk Fox (US), James Daley (US), Paul Rees (UK), Anna Maria Ilerardi (IT), Offer Galili (IL), Derek Roberts (CA), Maya Paran (IL), Märten Falckenberg (SE), Federico Coccolini (IT)

09.10 Landmark papers on vascular access- review -

09.20 Who needs vascular arterial or venous access and when? Cases -

09.30 The difficult vascular access, tips, tricks and solutions -

09.40 Complications, how to avoid and how to solve? Cases

09.50 Surgical and non-surgical solutions for the failing access. Cases and examples -

10.00 Vascular access for ECMO and patients with ongoing CPR -

10.10 The junior point of view: Ultrasound for vascular access -

10.20 Vascular access in the pre-hospital environment -

10.30 **Panelists debate:** All hemodynamically unstable patients should get a femoral vascular access. PRO-CON.

10.40 **Coffee / Industry Exhibitors**

Session 3: Hot topics in Endografts for the bleeding patient

6 min talk + 4 min discussion

Speakers and panelists (TBA): Claes Forsell (SE), Anders Wanhainen (SE), Ravi Rajani (US), Greg Magee (US), Josef Galante (US), Joe DuBose (US), Stephan Haulon (FR), Artai Pirouzram (SE), Stefano Ancetti (IT), Enrico Gallitto (IT), David McGreevy (SE), Lu Qingsheng (CN), Pirkka Vikatmaa (FI), Aho Pekka (FI), Maarit Vernemo (FL), Gustavo Oderich (US)

11.00 Landmark papers on Endografts in the endovascular era - review -

11.10 The "easy" vs. the "complexed" rupture - What can be done and how. Examples -

11.20 Thoracic rAA and endovascular solutions. Cases -

11.30 Endografts in Non-Aortic locations (iliac, Subclavia and others). Cases, solutions -

11.40 The ruptured, injured or iatrogenic iliac artery- endovascular and hybrid solutions -

11.50 Advanced thoracic aorta trauma endo and hybrid techniques. Update and examples -

12.00	Doing EVAR in rAAA- how to do getting best results -
12.10	In-Situ fenestrations and other innovative acute solutions. Case examples -
12.20	Surgeon modified endografts for the acute patient. Technique and examples -
12.30	The junior point of view: Thoracic endografts. evidence and current data -
12.40	Panelists debate: All endo? Or good old open surgery should not be forgotten -
13.00	Lunch and industry exhibition

Session 4: Hot topics in Embolization for the bleeding patient

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Anna Maria Ilerardi (IT), Märten Falckenberg (SE), Rishi Kundi (US), Thomas Scalea (US), Megan Brenner (US), Carl Magnus Wahlgren (SE), Gad Shaked (IL), Boris Kessel (IL), Martin Delle (SE), Göran Wallin (SE), Ken Boffard (ZA), David Lindström (SE), Igor Koncar (RS), Dua Anahita (US), Anna Romagnoli (US), Mikosh Balla (IL), Ilan Bruchin (IL)

14.00	Landmark papers on bleeding embolization- review -
14.10	What to embolize, general principles and examples -
14.20	Embolization in traumatic bleeders. Indications and solutions -
14.30	Embolization in non- traumatic bleeders. Indications and solutions -
14.40	Embolizations agents- what to use and how. Basic and advanced. Cases -
14.50	Clinical cases (Trauma) -
15.00	Clinical cases (Radiology) -
15.10	Gynecological bleeding and intervention- what and when? - <i>Ilan Bruchin (IL)</i>
15.20	The junior point of view: embolization in trauma. Whom should do it and how to gain experience?
15.30	Panelists debate: Embolize this patient! (Proactive) vs. Don't touch! (conservative) -

Session 5: Hot Topics in imaging developments. CT, Ultrasound, Angiography and hybrid suites.

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Takahiro Kinoshita (JP), Yosuke Matsumura (JP), Stephan Haulon (FR), Daniel Eefting (NL), Offer Galili (IL), Anders Wainheinen (SE), Ravi Rajani (US), Rishi Kundi (US), Per Skoog (SE), Anna Maria Ilerardi (IT), Thomas Vogl (GR), Stephan Haulon (FR), Gustavo Oderich (US)

15.50	Landmark papers on imaging in the bleeding patient - review -
16.00	Use of hybrid suites and hybrid ER; benefits, evidence? -
16.10	New coming imaging modalities and its applications. What is available and what is coming? -
16.20	Practical use of hybrid or/ER cases -
16.30	Advanced ultrasound imaging in unstable patients -
16.40	More on advanced ultrasound imaging in unstable patients -
16.50	The junior point of view: Using new technology for hemodynamically unstable patients and learning its use -
17.00	Angiography suites on the market- overview and advantages of the systems available -
17.10	Panelist debate: Hybrid suite is the place to be vs. Surgical suite with C arm is good enough -
17.20	Coffee / Industry Exhibitors

Session 6: Hot topics in Endovascular resuscitation: The non-trauma patient

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Zaff Quasim (US), James Daley (US), Kristofer Nilsson (SE), Jim Manning (US), Paul Rees (UK), Jon Barratt (UK), Lionel Lamhault (FR), Stein Brede (NO), Hans Hjelqvist (SE), Sam Sadek (UK), Pat Thompson (UK), Tony Hudson (UK), Geir Strandenes (NR), Tom Woolley (UK), Alexis Smith (US), Maya Paran (IL)

17.20	Vascular access for patient in arrest or pre-arrest, how to do, tips and tricks -
17.30	eCPR and where does EVTm come in, or at all? -
17.40	Indications for REBOA in non-trauma; is there any? Data! - <i>Dr. Maya Paran (IL)</i>
17.50	REBOA as bridge to ECMO- is it feasible? Data? -
18.00	Medical arrest and eCPR- physiology and rationale -
18.10	ECMO for the unstable patient- current data and where do we go? -
18.20	Indications for ECMO (all) and what is the future? Who? When? By who? -
18.30	The Junior point of view: endovascular solutions in cardiac arrest -

18.40	Transport REBOA- can be done but should? practical aspects -
18.50 - 19.10	Panelist debate: Reboa or SAAP has no place in cardiac arrest, ECMO yes Pro: Con: -
19.30	Get together and dinner
SATURDAY December 4th	
07.30	Coffee / Industry Exhibitors
Session 7: #EVTM meets #DCR (Damage control resuscitation)	
6 min talk + 4 min discussion	
Speakers and panelists (TBA): Luoise Riddez (SE), Juan Duchesne (US), Mansoor Khan (UK), John Holcomb (US), Frank Planl (ZA), Ken Boffard (ZA), Viktor Reva (RU), Mikosh Balla (IL)	
07.40	Prehospital resuscitation: Blood/TXA and Calcium (indications and benefits) -
07.50	Prehospital "RAPTOR" (REBOA vs ResQ foam) -
08.00	Death of permissive hypotension? -
08.10	Circulation first airway second: Time to identify meningsful interventions -
08.20	Hybrid ER vs conventional system (ED to OR system) -
08.30	Whole blood vs balanced resuscitation: outcomes of RCT -
08.40	The junior point of view/oral presentation -
08.50	Panelist debate: scoop and control vs scoopd and run -
09.10	Break
Session 8: Hot Topics in trauma applications of EVTM and REBOA. Session by Shock & Trauma Baltimore	
6 min talk + 4 min discussion	
Chair: Thomas Scalea	
Speakers and panelists (TBA): Yaakov Daskal (IL), Daniel Sheffer (IL)	
09.20	Landmark papers on REBOA- a review - <i>Dr. Yaakov Daskal (IL)</i>
09.30	EVTM is in daily use- Shock and Trauma Baltimore session -
09.40	REBOA in hemodyanmic unstable patient- here is the data! -
09.50	REBOA in hemodyanmic unstable patient- This is how we do it -
10.00	More endo tools in the trauma patient- what can be done and how? -
10.10	The subclavian artery injury- endo and hybrid treatment -
10.20	Endo in acute pediatrics cases- what do we know? -
10.30	The aorta and iliacs in acute settings -
10.40	The Junior point of view - <i>Dr. Daniel Sheffer (IL)</i>
10.50	Panel debate
Session 9: Hot issues in military and austerne enviroment EVT M	
6 min talk + 4 min discussion	
Speakers and panelists (TBA): Todd Rasmusson (US), Joe DuBose (US), Viktor Reva (RU), Paul Rees (UK), Rigo Honnecamp (NL), Jon Barratt (UK), Sam Sadek (UK), John Holcomb (US), Chuk Fox (US), Josef Galante (US), Tom Woolley (UK), Gad Shaked (IL), Dua Anahita (US), Brian Knipp (US)	
11.00	What EVT M methods can be used in military or austere setting? -
11.10	REBOA update military cases USA -
11.20	Update UK Military -
11.30	Should military forces adapt REBOA in the arsenal? -
11.40	Practical issues with EVT M issues in military scenarios- embolizations? Endografts? Is is feasible? -
11.50	Our experience with austerne EVT M/REBOA -
12.00	Pre hospital REBOA update. Data -
12.10	The Junior point of view -
12.20	Panelist debate

12.30	Lunch in the exhibition
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Session 10: Registry data, Experimental studies and developments within EVTm

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Kristofer Nilsson (SE), David McGreevy (SE), Joe DuBose (US), Megan Brenner (US), Federico Coccolini (IT), Derek Roberts (CA), Jim Mannin (US), Greg Magee (US), Maya Paran (IL), Per Skoog (SE), Igor Koncar (RS), Anna Romagnoli (US), Rebecka Hultgren (SE), Lu Qingsheng (CN), Sivan Barkai (IL), Daniel Sheffer (IL)

13.20	REBOA in animal studies- Current data - <i>Dr. Sivan Barkai (IL)</i>
13.30	REBOA in registry data- Current data -
13.40	Thoracic blunt trauma registry- data and conclusions by now -
13.50	The junior point of view; Experimental data - <i>Dr. Daniel Sheffer (IL)</i>
14.00	Registry data update , the UK REBOA trial -
14.10	Post partum Bleeding- strategies and data -
14.20	Panelist discussion: comming experimental models-what is missing?

Session 11: Hot topics in anasetesia and critical care. Joined session with #THOR.

6 min talk + 4 min discussion

Speakers and panelists (TBA):

Pat Thompson (UK), Tony Hudson (UK), Tom Woolley (UK), Geir Strandenes (NO), Kristofer Nilsson (SE), Zaff Quasim (US), Eugene Moore (US), Yosuke Matsamura (JP), Geir Strandenes (NO)

14.30	The pathophysiology of blood failure - <i>Pat Thompson (UK)</i>
14.50	Prehospital airway management for patients with traumatic blood failure - <i>Tony Hudson (UK)</i>
15.10	Permissive hypotension in massive hemorrhage - <i>Tom Woolley (UK)</i>
15.30	Whole blood and cold platelets for hemostatic resuscitation - <i>Geir Strandenes (NO)</i>
15.40	Discussion: Implamenation of critical care issues in EVTm- future aspects.
15.50	Coffee / Industry Exhibitors

Session 12: New and rising EVTm technologies, access devices, imaging and endografts.

6 min talk + 4 min discussion

Chairs:

Speakers and Panelists (TBA):

Zoran Rancic (CH), Claes Forsell (SE), Artai Pirouzram (SE), Stephan Haulon (FR), Daniel Eefting (NL), Anders Wanhainen (SE), David Lindström (SE), Ravi Rajani (US), Greg Magee (US), Carl Magnus Wahlgren (SE), Gustavo Oderich (US), Rebecka Hultgren (SE), Thomas Larzon (SE), Per Skoog (SE)

16.10	How to close a vascular access- my tools -
16.20	How to close a vascular access- prons and cons -
16.30	Advances in hybrid room and endovascular suites -
16.40	The Junior Point of view: Low profile endografts -
16.50	New tools and developments in endovascular surgery -
17.00	More on viceral endografts in rAAA and rTAA -
17.10	Practical use of endografts in rAAA- tips and tricks -
17.20	Iliac and viceral endografts- what is out there and what to choose -
17.30	TBA
17.40	Free abstract talk -
17.50	Free abstract talk -

Session 13: EVTm Society meeting

18.00 - 19.00	EVTm Society meeting
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SUNDAY December 5th

Session 14: Joined session with the European society of emergency surgery and trauma (ESTES). Education of future trauma surgeon and vascular trauma

6 min talk + 4 min discussion

Chairs:

Speakers and Panelists (TBA): Shahin Mohseni (SE), Carlos Yanez (SP), Mansoor Khan (UK), Luise Riddez (SE), Ken Boffard (ZA), Frank Planz (ZA), David McGreevy (SE), Mikosh Balla (IL), Piotr Koleda (PL), Gary Bass (UK)

08.30	Vascular trauma in Europe, current status, Who is doing what? -
08.40	Management of vascular trauma in Europe vs. USA, South Africa -
08.50	European trauma surgeon should be able to repair these injuries. Clinical cases for discussion -
09.00	Training trauma team dynamics in a dedicated simulation center -
09.10	Non-technical skills, an essential aspect of trauma team training. Cases/examples -
09.20	Endovascular training in surgical residency-should be done? How? -
09.30	The junior point of view -
09.40	Discussion
10.00	Coffee / Industry Exhibitors

Session 15: Hot topics in mass casualties and EVTMs aspects. Surgeons from Israel and Iraq exchange clinical experience

6 min talk + 4 min discussion

Chairs (TBA): Todd Rasmussen (US), Ken Boffard (ZA), Louise Riddez (SE)

Speakers and Panelists (TBA): Nori Sabach (IQ), Muhammed Al Musawi (IQ), Boris Kesel (IL), Maya Paran (IL), Abdualmaar (IQ)

10.30	Clinical experience from Iraq -
10.40	Clinical experience from Israel -
10.50	Lessons learned Iraq -
11.00	Lessons learned Israel -
11.10	Panelist debate: does EVTMs have a role in mass casualties? how, what, when?
11.20	TBA
11.30	TBA
11.40	TBA
11.50	TBA
12.00	TBA
	Conference closing