

Tuesday November 19

07.00 *Departure from Van der Valk with bus (optional)*

07:30 *Registration and coffee/tea*

Radboud Auditorium CHAIR: NOORDERGRAAF

08.00	Welcome and introduction	NOORDERGRAAF
08.15	Course overview and surgical decision making	VAN WAES
08.30	Damage control	VAN WAES
09.00	Massive hemorrhage and coagulopathy	GEERAEDTS
09.30	Crew & Team Resource Management	TAN
09.50	Q&A	NOORDERGRAAF
09.55 <i>Break in the Foyer</i>		
10:15	Torso: trauma of the chest <u>OR nurses tour to locations workshops</u>	VAN EGMOND / HUIG TAN
10.50	Torso: trauma of the abdomen	EDWARDS
11.35	Trauma of the neck	ARMSTRONG / BLEEKER
12.10 <i>Lunch in the Foyer</i>		
CHAIR: BLEEKER		
12.45	Ethics in the anatomy/ animal labs	TAN
12.55	Keynote lecture: Radiology in trauma	BRINK
13.40	<u>Group 3 + instructors for Animal laboratory (Workshop 3) leave</u>	
13.40	Plenary case discussion 1	VAN WAES / VD CRABBen
13.55	To workshops	
14.00	Workshop carrousel, part 1	
	DATC	
	<ul style="list-style-type: none">• Workshop 1 Anatomy, Anatomy laboratory• Workshop 2 Fireside case discussions and REBOA• Workshop 3 Damage Control Anesthesia: Animal laboratory• Workshop 4 Lectures• Workshop 5 Expert meeting special anesthesiology cases	
	DSTC	
	<ul style="list-style-type: none">• Workshop 1 Anatomy, Anatomy laboratory• Workshop 2 Fireside case discussions and REBOA• Workshop 3 Damage Control Surgery Animal laboratory• Workshop 4 Lectures• Workshop 5 Damage control orthopedics, Anatomy laboratory	
17.30	End of workshops	

Hippocrates room CHAIR: NOORDERGRAAF

17.40	Plenary debriefing & feedback	NOORDERGRAAF
18.00	End	
18.00	<i>Faculty meeting</i>	VAN WAES
18.45	Course diner at restaurant 'De Waagh', Grote Markt 26, Nijmegen	

Wednesday November 20

07.15 *Departure from hotel Van der Valk with bus (optional)*

07.30 *Coffee/tea at Pathology museum*

Hippocrates room CHAIR: VAN WAES

08.00 Group + instructors for Animal laboratory (workshop 3) leave

08.00 Welcome & instructions

08.10 Plenary case discussion 2

BLOKHUIS / HOFF

08.40 Groups move to workshops

08.45 Workshop carousel, part 2

12.15 End of workshops

12.25 *Lunch & group photo at the Foyer*

Radboud Auditorium CHAIR: TAN

13.00 Keynote lecture: Ballistics

ARMSTRONG

13.30 Group + instructors for Animal laboratory (Workshop 3) leave

13.30 Plenary case discussion 3

GEERAEDTS / NEVIN

13.55 Groups move to workshops

14.00 Workshop carousel, part 3

17.30 End of workshops

Hippocrates room CHAIR: VAN WAES

17.40 Plenary debriefing & Feedback

VAN WAES

18.00 End

18.00 *Faculty meeting*

NOORDERGRAAF

18.45 *Faculty dinner at Parkzicht, Kelfkensbos 34, Nijmegen*

Thursday November 21

07.15 Departure hotel Van der Valk with bus (optional)

07.30 Coffee/tea at Pathology museum

Hippocrates room CHAIR: VAN WAES

08.00 Group + instructors for Animal laboratory (workshop 3) leave

08.00 Welcome & instructions

08.10 Plenary case discussion 4

NOORDERGRAAF

VERHOFSTAD / MAISSAN

08.40 Groups move to workshops

08.45 Workshop carousel, part 4

12.15 End of workshops

12.25 Lunch at the Foyer

Radboud Auditorium CHAIR: VAN WAES

13.00 Keynote lecture: Blast

BOWYER

13.30 Group + instructors for Animal laboratory (Workshop 3) leave

13.30 Plenary case discussion 5

PONSEN / GERRITSEN

13.55 Groups move to workshops

14.00 Workshop carousel, part 5

17.30 End of workshops

Hippocrates room CHAIR: NOORDERGRAAF

17.40 Evaluation and closing remarks

NOORDERGRAAF

18.00 Informal reception with a snack

18.15 Bus transfer to hotel Van der Valk participants

18.15 Final faculty meeting

VAN WAES

18.50 Bus transfer to Van der Valk faculty

Workshop carousel*

DATC: anesthesiologists/ intensivists

- **Workshop 1 Anatomy**
The anesthesiologist will be confronted with cadavers allowing invasive exploration and interventions (access) to the human body. Different skills and drills will be practiced.
- **Workshop 2 Fireside case discussions**
During this session, a series of real cases will be presented to small groups of anesthesiologists and surgeons by the faculty. The cases challenge CRM, clinical insights, progressing through the diagnostic and treatment theory and practice using discussion tools. REBOA instruction and demonstration included.
- **Workshop 3 Damage Control Anesthesia: Animal Laboratory**
In this unique session, led by experts, both anesthesiologists, surgeons and OR-nurses will work together to 'save' an (anesthetized) animal model in trauma. Increasingly complex injuries, real time lab results, transfusion opportunities, medication support will challenge the experienced, and stretch CRM skills. Skills in- and outside comfort zones will be asked of both anesthesiologists and surgeons.
- **Workshop 4 Lectures**
The lecture workshop includes both plenary and by-specialty sections. Specific injuries, such as burn, blast and head trauma as complicating factors are presented and discussed. Lectures: Burns, Head trauma, Blast, Damage control anesthesia and resuscitation, Multi-organ threat and failure: crush, kidney, g/e tract, induction & maintenance, ICU resuscitation and return to OR, timing / sepsis.
- **Workshop 5 Expert meeting about special anesthesiology cases**
The anesthesiologist will be brought up to date on cases such as neuro-trauma, coagulation in trauma, and developing pre- and hospital insights and strategies voor specific care. Recognize the limitations and opportunities in monitoring, discuss developing techniques, including hands on exploration.

DSTC: surgeons

- **Workshop 1 Anatomy laboratory**
Interactive workshop on cadavers at the anatomy laboratory and led by experts to train exposure neck, chest and abdomen, thoracic access.
- **Workshop 2 Fireside case discussions**
During this session, a series of real cases will be presented to small groups of anesthesiologists and surgeons by the faculty. The cases challenge CRM, clinical insights, progressing through the diagnostic and treatment theory and practice using discussion tools. REBOA instruction and demonstration included.
- **Workshop 3 Damage Control Surgery: Animal Laboratory**
In this unique session, led by experts, both anesthesiologists, surgeons and OR-nurses will work together to 'save' an (anesthetized) animal model in trauma. Increasingly complex injuries will challenge the experienced in damage control surgery, emergency procedures, and use of haemostatics. Skills in- and outside comfort zones will be asked of both anesthesiologists and surgeons.
- **Workshop 4 Lectures**
The lecture workshop includes both plenary and by-specialty sections. Specific injuries, such as Burns, Head trauma, Blast, Trauma pancreas & duodenum, Trauma to the liver, Trauma to the pelvis, Trauma to the extremities as complicating factors are presented and discussed.
- **Workshop 5 Damage Control Orthopedics**
Workshop on cadavers at the anatomy laboratory. Surgeons will be trained in the use of multiple external fixators, pelvic fracture, c-clamp, escharotomy and fasciotomy.

* Or-nurses will participate in workshop 1, 3, 4 and 5 and auditors in all workshops.