



**DEFINITIVE SURGICAL  
AND ANAESTHETIC  
TRAUMA CARE COURSE**

**Master class for  
surgeons (DSTC®),  
anaesthesiologists,  
intensivists (DATC)  
and OR nurses**

**November 21 - 23, 2017**  
Nijmegen, the Netherlands



**iatsic**

International Association for Trauma Surgery and Intensive Care

# Invitation

## Trauma care taken to the next level

Trauma care is changing all the time and many situations require specialist trauma expertise. The Definitive Surgical and Anaesthetic Trauma Care Course is designed to train the relatively fully trained anaesthesiologist, intensivist, surgeon and advanced trainee in strategic thinking and decision-making in the management of the severely injured patients and provide them with practical surgical skills to manage major organ injuries. The DSATC is an intensive 3-day course that consists of key note lectures, multidisciplinary case presentations, fireside discussions and workshops. During the course anaesthesiologists assisted by registered anesthesia nurses and surgeons assisted by OR nurses work together as real trauma teams.

### The course focuses on:

- Surgical decision making in complex scenarios
- Operative techniques in critically ill trauma patients
- Hands-on practical experience with experienced instructors (both national and international)
- Insight into difficult trauma situations with learned techniques of haemorrhage control and the ability to handle major thoracic, cardiac and abdominal injuries
- Animal laboratory based surgical skills training. It boasts a high faculty to participant ratio with the faculty consisting of experienced trauma trained surgeons and anaesthesiologists.
- Multidisciplinary team approach

## Workshop carousel

### DATC: anaesthesiologists / intensivists

- Animal laboratory: trauma anaesthesia, resuscitation skills and resuscitative interventions
- Anatomy: exposure neck and chest for surgical airway, intra vascular or intra osseous access, thoracic access, thoracotomies
- Scenarios: resuscitation physiology and pharmacology, advanced life support, critical decision making, thrombo elastography and ICU Rounds

### DSTC®: surgeons

- Damage Control Animal Surgery (laboratory): emergency procedures, haemostatics
- Anatomy: vascular exposure to neck, chest and abdomen
- Anatomy: damage control orthopedics, external fixators, c-clamp, escharotomy, fasciotomy

The Definitive Surgical Trauma Care Course is developed under the auspices of the International Association for Trauma Surgery and Intensive Care (IATSIC). The initiative to design a combined course with anaesthesiologists and intensivists was taken by the Dutch DSTC Board and in 2015 it got its official recognition from the IATSIC. The DSATC is currently the most advanced trauma course available internationally. The Dutch course is organized under the auspices of the Dutch Trauma Society (NVT).

# Program

## DAY 1

07:30 Coffee / tea

08:10 Course overview  
08:25 Damage control  
08:55 Crew Resource Management  
09:15 Plenary case discussion

09:40 Break

10:10 Neck trauma  
10:40 Thoracic trauma  
11:20 Trauma laparotomy  
11:40 Fireside case discussions, Tour OR  
nurses practical sessions

12:30 Lunch

13:20 Workshop carrousel  
17:30 Summary

17:45 Drinks

18:15 Departure bus to course dinner  
18:45 Course dinner  
21:30 Return bus to hotel and course  
location



## DAY 2

07:45 Coffee / tea

08:00 Head trauma  
08:30 Trauma radiology  
08:50 Massive hemorrhage and coagulation

09:20 Plenary case discussion

09:50 Break

### DSTC®

10:20 Trauma pancreas and duodenum  
10:50 Liver trauma

### DATC

10:20 Damage control anaesthesia  
10:40 Crush syndrome  
11:00 Coagulation in anaesthesia

11:20 Fireside case discussions

12:30 Lunch

13:20 Workshop carousel  
17:00 Summary

17.15 Drinks

18:00 Closure

## DAY 3

07:45 Coffee / tea

08:00 Burns  
08:20 Blast  
08:50 Ballistics

09:20 Plenary case discussion

09:50 Break

### DSTC®

10:20 Extremity trauma  
10:40 Pelvic trauma  
11:00 Fireside case discussions

### DATC

10:20 ICU Resuscitation and  
IC transport  
10:40 Stress response and antibiotics  
11:00 Fireside case discussions

12:30 Lunch

13:20 Workshop carousel

17:00 Closure

17.15 Informal reception

Participants free night out.

# Target groups

## Course objectives

The course assumes familiarity of the ATLS® principles. The course takes the participant through the trauma management process beyond.

By the end of the course, the student will have received training to allow:

- Enhanced knowledge of the surgical and trauma physiology of the trauma patient.
- Enhanced surgical decision making in trauma.
- Enhanced surgical techniques in the management of major trauma.
- An improved awareness of the treatment possibilities in major trauma and their evidence base.

## Anaesthesiologists (DATC)

This course is highly recommended for anaesthesiologists who may have to provide trauma care, but also may be confronted with bleeding complications during large surgery. Included are ICU trauma case discussions, focusing on the period after initial surgery, specialist subjects such as paediatric trauma ICU and head trauma, in which choices and treatment options are discussed. A workshop on coagulation management enhances insight in this topic.

## Intensivists (DATC)

The program is suitable for intensivists who provide trauma care in their Intensive Care Unit. The ICU is an important part of the chain of the Damage Control principles. It emphasises new insights in coagulopathy, massive transfusion protocols. Included is a clinical round on the pediatric and adult trauma ICU of one of the largest level 1 trauma centers in the Netherlands, in which choices and treatment decisions are discussed.

## Surgeons (DSTC®)

This course is mandatory for all Dutch trauma surgeons and very highly recommended for (general) surgeons and should be refreshed every 4 years.

## OR Nurses

The course is designed for OR nurses who are involved in the treatment of victims of major trauma. Team approach, backgrounds of surgical decision making and assisting of major operations at the Institute of Anatomy and at the Animal Research Laboratory are an important part of the program.

## Auditors

Emergency physicians and registered anesthesia nurses who work in trauma care are invited in this course as an auditor. They can join the plenary presentations, case discussions and observe during the workshops.

# Information

## Target groups

- This master class is designed for anaesthesiologists, intensivists, surgeons and OR nurses.
- If you work in trauma care (e.g. emergency physician, anaesthesiologist assistant) and you are interested in the possibilities of participating as an auditor, please contact us.

## Course venue

- Radboud university medical center Nijmegen, the Netherlands.

## Accreditation/Certification

- An international acknowledged certificate by The International Association for Trauma Surgery and Intensive Care (IATSIC®)
- Applied for national accreditation at
  - Dutch Association for Surgery (NVvH)
  - Dutch Association for Anaesthesia (NVA)
  - Dutch Association for Intensive Care (NVIC)
  - National Association for OR nurses (LVO)
  - Dutch Association for Anaesthesiologist Assistants (NVAM)

If you need accreditation from another organization, please contact us.

## Registration

- Register online at [www.dstc-datc.nl](http://www.dstc-datc.nl)
  - Course fee:
    - Anaesthesiologists, intensivists, surgeons early bird:
      - until July 1st € 2095,-
      - after July 1st € 2195,-
    - OR nurses € 410,-
    - Auditors € 600,-
- Course dinner on evening one included.
- Please visit our website for general terms and conditions.



nederlandse vereniging  
voor traumachirurgie

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