

iatsic

International Association for Trauma Surgery and Intensive Care



www.astes-congress.org

**23RD EUROPEAN
CONGRESS OF
TRAUMA AND
EMERGENCY
SURGERY**

**28-30 APRIL 2024
ESTORIL CONVENTION CENTER
LISBON (PORTUGAL)**

REDISCOVER
THE WORLD
OF TRAUMA AND
EMERGENCY
SURGERY

CURSO PRÉ-CONGRESSO EUROPEU DE TRAUMA E CIRURGIA DE EMERGÊNCIA 20º ANIVERSÁRIO DO PROGRAMA DSTC™ EM PORTUGAL

**PRE-CONGRESS COURSE – EUROPEAN CONGRESS OF TRAUMA AND EMERGENCY SURGERY
20TH ANNIVERSARY OF THE DSTC™ PROGRAM IN PORTUGAL**

DSTC – DATC NATIONAL CHAIR: HENRIQUE ALEXANDRINO

DSTC – DATC NATIONAL CO-CHAIR: LUÍS VALE

DSTC™

DEFINITIVE SURGICAL TRAUMA CARE

COURSE DIRECTOR: HENRIQUE ALEXANDRINO

COURSE CO-DIRECTOR: LUÍS FILIPE PINHEIRO

INCORPORATING

DATC™

AND

DpNTC™

**DEFINITIVE ANAESTHETIC
TRAUMA CARE**

COURSE DIRECTOR: SÉRGIO BAPTISTA

COURSE CO-DIRECTOR: MAURO PEREIRA

**DEFINITIVE PERIOPERATIVE NURSE
TRAUMA CARE**

COURSE DIRECTOR: ANA PEREIRA

COURSE CO-DIRECTOR: LILIANA LOURENÇO

IATSIC - INTERNATIONAL ASSOCIATION FOR TRAUMA SURGERY AND INTENSIVE CARE

NATIONAL DSTC STEERING COMMITTEE

ALTEC - ASSOCIAÇÃO LUSITANA DE TRAUMA E EMERGÊNCIA CIRÚRGICA

INSTITUTO NACIONAL DE INVESTIGAÇÃO AGRÁRIA E VETERINÁRIA

ESTAÇÃO ZOOTÉCNICA NACIONAL

QUINTA DA FONTE BOA, VALE DE SANTARÉM – PORTUGAL – 24th – 26th APRIL 2024

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iniaiv

Instituto Nacional de
Investigação Agrária e Veterinária, I.P.



**Experimental
Surgery Unit
INIAV**

DSTC™ - DATC™ - DPNTC

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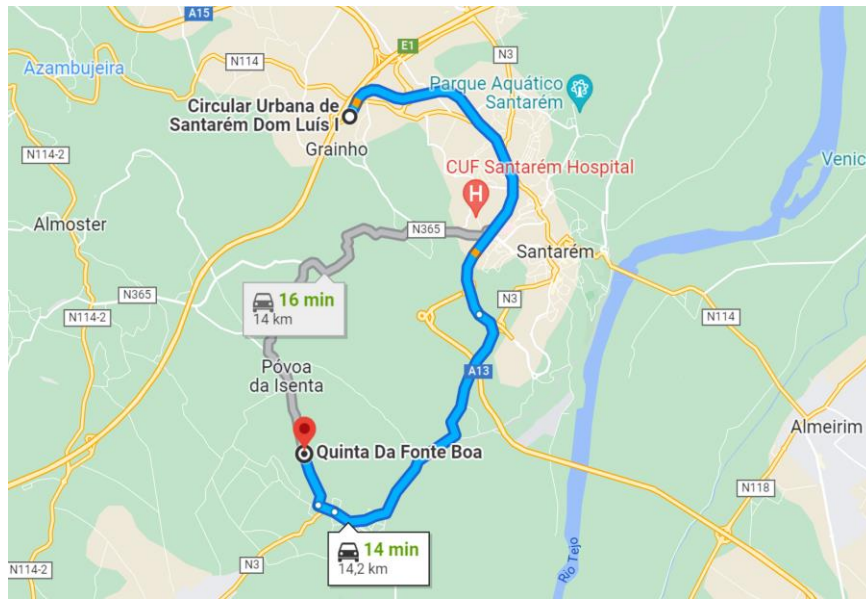
DATC

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COURSE CO-DIRECTOR: MAURO PEREIRA

DPNTC

COURSE DIRECTOR: ANA PEREIRA
COURSE CO-DIRECTOR: LILIANA LOURENÇO

HOW TO GET TO THE COURSE SITE (from the A1 exit to Santarém)



Course venue location: <https://maps.app.goo.gl/cEKbfVMz5F4rCXwm8>

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FACULTY

Alberto Garcia (International Faculty, DSTC)	Colombia
Carlos Ferreira (International Faculty, DSTC)	Lisboa, Portugal
Gary Bass (Guest Faculty, DSTC)	USA
Henrique Alexandrino (International Faculty, DSTC)	Coimbra, Portugal
Luís Filipe Pinheiro (International Faculty, DSTC)	Viseu, Portugal
Miguel Fernandes (National Faculty, DSTC)	Coimbra, Portugal
Paal Naess (International Faculty, DSTC)	Norway
Sandro Scarpellini (International Faculty, DSTC)	Brazil
Steve Moeng (International Faculty, DSTC)	South Africa
Tarek Razek (International Faculty, DSTC)	Canada
Tina Gaarder (International Faculty, DSTC)	Norway

Ana Lufinha (National Faculty, DATC)	Lisboa, Portugal
Anders Holtan (International Faculty, DATC)	Norway
Caoimhe Duffy (Guest Faculty, DATC)	USA
Filipa Madeira (International Faculty, DATC)	Coimbra, Portugal
Klaus Görlinger (Guest Faculty, DATC)	Germany
Lara Marcelo (International Faculty, DATC)	Porto, Portugal
Maria del Carmen Ortega (International Faculty, DATC)	South Africa
Mauro Pereira (International Faculty, DATC)	Braga, Portugal
Mauro Zago (International Faculty, DSTC)	Italy
João Páscoa Pinheiro (Guest Faculty, DATC)	Funchal, Portugal
Sérgio Baptista (International Faculty, DATC)	Abrantes, Portugal
Veronika Reinhard (International Faculty, DATC)	Estonia

Ana Pereira (Nurse, DPNTC)	Coimbra, Portugal
Liliana Lourenço (Nurse, DPNTC)	Coimbra, Portugal
Liliana Pereira (Nurse, DPNTC)	Coimbra, Portugal
Mafalda Lourenço (Nurse, DATC)	Coimbra, Portugal

Jorge Pimenta (Veterinarian)	Lisboa, Portugal
Pedro Pessa (Veterinarian)	Coimbra, Portugal
Francisco Marçal Grilo (Veterinarian)	Santarém, Portugal

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DSTC™ – Definitive Surgical Trauma Care

The **Definitive Surgical Trauma Care (DSTC™)** course is developed under the auspices of the **International Association for Trauma Surgery and Intensive Care (IATSIC)** and established worldwide in Europe, South Africa, Australasia, Asia and North and South America. It is currently the most advanced surgical trauma course available internationally and has a high faculty to participant ratio, the faculty consisting of experienced trauma surgeons.

In Portugal, the Memorandum of Understanding with IATSIC was signed by the **Lusitanian Association for Trauma and Emergency Surgery (ALTEC)** and a Portuguese DSTC / DATC Committee was established.

The DSTC is an intensive course comprising lectures, interactive case discussions and surgical simulation, designed to develop technical and decision-making skills of qualified surgeons and advanced surgical trainees in the management of the severely injured patients, particularly in major organ injuries.

The addition of the anaesthetic (DATC) and perioperative nurses (DpNTC) courses will recreate the multidisciplinary perioperative management of the severe trauma patient, enabling the full immersion of the participants in the simulated environment of a damage control operating room.

The DSTC course will be limited to 15 participants but an extra number of doctors having done it before will be accepted for a Refresher Course that includes, only, the lectures and case presentations.

Normal Course Fee *	1100 €
Refresher Normal Course Fee (for previous DSTC course participants)	250 €

* Reduced course fee (1000 €) for candidates that make proof of participating in the 23rd European Congress of Trauma and Emergency Surgery (ECTES 2024)

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DATC™ - Definitive Anaesthetic Trauma Care

The **Definitive Anaesthetic Trauma Care (DATC™)** course is developed under the auspices of the **International Association for Trauma Surgery and Intensive Care (IATSIC)**.

The DATC is an intensive course comprising lectures, interactive case discussions and trauma management simulation, designed to teach qualified Anaesthesiologists and advanced Anaesthesia Residents strategic thinking and decision-making in the management of the severely injured trauma patients. The DATC shares lectures with the DSTC course for surgeons improving teamwork and communication in the management of trauma patients. The lectures will be presented in English or in Portuguese.

This course will be limited to 10 participants. There will be a **mandatory** webinar on the 13th April at 8h30 (DATC candidates only).

DATC selection criteria include:

Specialists in Anaesthesiology or Residents of 5th, 4th and 3rd year of Anaesthesiology.

Normal Course Fee *

800 €

DpNTC - Definitive Perioperative Nurse Trauma Care

The **DSTC™** and **DATC™** courses will take place simultaneously as well as the **DpNTC (Definitive Perioperative Nurse Trauma Care)** course for perioperative Nurses.

*

RESIDENTS IN ANAESTHESIOLOGY

EARLY registration (until 28th February 2024): 575€

STANDARD registration (after 28th February 2024): 750€

SPECIALISTS IN ANAESTHESIOLOGY

EARLY registration (until 28th February 2024): 650€

STANDARD registration (after 28th February 2024): 800€

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Course Evaluation

For successful completion of the DSTC - DATC course candidates must:

- attend the on-line webinar (DATC only);
- attend every lecture, skill station and demonstrations;
- be on time;
- successfully complete the post course MCQ.

Any cancellation or replacement must be conveyed to the organizer in writing. A cancellation charge of 50% of fee will be levied if the cancellation is received during the month before the scheduled course date.

The organizer reserves the right to cancel the course and fully refund the participants should unforeseen circumstances necessitate it.

The course venue will be at Instituto Nacional de Investigação Agrária e Veterinária (INIAV), Estação Zootécnica Nacional, Quinta da Fonte Boa, Vale de Santarém.

Faculty members receive no financial reward for their work.

The DSApNTC courses are not for profit and all income is fully re-invested in course improvement.

The DSTC - DATC course includes a surgical simulation laboratory session, under stringent veterinary supervision and in full compliance with national and EU regulations.

**The DSATC team believes in the utmost respect of the use of animals for scientific purposes and in its guiding principles – the 3+1 R's
– “Reduce, Refine, Replace + Responsibility”.**

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Course program

DATC candidates and faculty

DATC Webinar **2024 April 13, Saturday**

0830 – 1315

Online – ZOOM meeting

08.30 – 08.45 Welcome and Introduction
08.40 – 10.30 ROTEM in trauma
10.45 – 11.30 Ultrasound in Trauma
11.30 – 12.15 Paediatric Trauma Anaesthesia
12.30 – 13.15 Traumatic Brain Injury
13.30 Closure

Sérgio Baptista | Luís Vale
Klaus Görlinger
Mauro Zago
Maria del Carmen Ortega
F Madeira | JP Pinheiro | M Pereira
Sérgio Baptista

Day 0

2024 April 23, Tuesday

Hotel Umu, Santarém

1830 – 2000

Pre-course faculty meeting

Faculty only

2000 – 2300

Dinner Session

Faculty only

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Day I 2024 April 24, Wednesday Estação Zootécnica Nacional

0730 – 1320

0730 – 0750	Registration	
0750 – 0850	Welcome and introduction	H Alexandrino, S Baptista, A Pereira
0850 – 0920	Course overview / Surgical decision-making	H Alexandrino
0920 – 1000	Case presentation	H Alexandrino / Anders Holtan
1000 – 1030	Damage control resuscitation	Anders Holtan
1030 – 1100	Damage control surgery	Tarek Razek
1100 – 1120	Morning tea	
1120 – 1200	Teamwork: surgery and anesthesia interplay	H Alexandrino / S Baptista
1200 – 1240	Case Presentation	Carlos Ferreira / Caoimhe Duffy
1240 – 1310	Pelvic trauma	Tina Gaarder
1310 – 1320		<i>Anaesthetic comment:</i> Veronika Reinhard
1320 – 1420	Lunch	

1420 – 1600

1420 – 1500	Trauma laparotomy	Steve Moeng
1500 – 1510		<i>Anaesthetic comment:</i> Mauro Pereira
1510 – 1600	Case Presentation	Gary Bass / Lara Marcelo
1600 – 1630	Afternoon tea	

1630– 1830 DSTC Lectures and Case Presentation

1630 – 1710	Liver trauma	Sandro Scarpellini
1710 – 1810	Cases presentation – Group discussion	Miguel Fernandes / DATC Faculty
1810 – 1830	Pancreatic and duodenal trauma	Paal Aksel Naess
1830 – 1845	Q&A and debriefing of Day #1	All Faculty

1630 – 1900 DATC Case presentations. Interaction with surgeon DATC Faculty

1630 – 1730	Trauma Anesthesia Case 1	DATC Faculty / DSTC Faculty
1730 – 1815	Trauma Anesthesia Case 2	DATC Faculty / DSTC Faculty
1815 – 1900	Trauma Anesthesia Case 2	DATC Faculty / DSTC Faculty

2000 – 2300 Dinner Session Faculty only

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Day II

2024 April 25, Thursday

Estação Zootécnica Nacional

0750 – 1300

0750 – 0800

Questions and Answers

0800 – 0850

Thoracic Trauma

Sandro Scarpellini

0850 – 0900

Anaesthetic comment: Veronika Reinhard

0900 – 0950

Case Presentation

Carlos Ferreira / Anders Holtan

0950 – 1020

Morning tea

1020 – 1050

Surgical skills: Ethics & briefing

H Alexandrino

Jorge Pimenta

Mauro Pereira

1050 – 1130

Techniques – Cardiac and Lung repair

Alberto Garcia

1130 – 1140

Anaesthetic comment: Caoimhe Duffy

1140 – 1240

Lunch / Move to skills laboratory

1240 – 1300

Teams briefing for the skills laboratory

1300 - 1830

Surgical Skills Laboratory

Table 1	Table 2
DSTC faculty: TBA	DSTC faculty: TBA
DATC faculty: TBA	DATC faculty: TBA
Table 3	Table 4
DSTC faculty: TBA	DSTC faculty: TBA
DATC faculty: TBA	DATC faculty: TBA
Table 5	
DSTC faculty: TBA	
DATC faculty: TBA	

1800 – 1830

Debriefing of the skills laboratory

Small groups

1830 – 1900

Move from skills laboratory

All participants

1900 – 2300

Official course dinner

All participants

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Day III **2024 April 26, Friday** **Estação Zootécnica Nacional**

0830 – 1015 DSTC Lectures and Case Presentation

0825 – 0830 Questions and Answers

0830 – 0910 Case Presentation

0910 – 0950 Vascular Trauma

0950 – 1010 Fasciotomy

1010 – 1015

Anaesthetic comment: Ana Lufinha

Miguel Fernandes / Ana Lufinha

Luís Filipe Pinheiro

Luís Filipe Pinheiro

0830 – 1015 DATC Case presentations. Interaction with surgeon.

DATC Faculty

0825 – 0830 Questions and Answers

0830 – 1015 Traumatized Airway

DATC Faculty / DSTC Faculty

1045 – 1300

1015 – 1030 Morning tea

1030 – 1110 Case Presentation

1110 – 1140 Neck and Mediastinal Trauma

1140 – 1145

Anaesthetic comment: Lara Marcelo

1145 – 1215 Craniofacial Trauma

1215 – 1225

Anaesthetic comment: Caoimhe Duffy

1225 – 1250 Burns and Escharotomy

1250 – 1300

Anaesthetic comment: Filipa Madeira

Carlos Ferreira / Veronika Reinhard

Steve Moeng

Lara Marcelo

Tina Gaarder

Caoimhe Duffy

Tarek Razek

Filipa Madeira

1300 – 1400 Lunch

1400 – 1440 Case Presentation

1440 – 1510 Massive Hemorrhage & TIC

1510 – 1515

Surgical comment: Tarek Razek

1515 – 1545 Intensive care unit

1545 – 1555

Surgical comment: Gary Bass

Caoimhe Duffy / LF Pinheiro

Anders Holtan

Tarek Razek

Veronika Reinhard

Gary Bass

1555– 1615 Input regarding DSTC / DATC / DpNTC courses

Q&A

Closing Session

Henrique Alexandrino

Sérgio Baptista

Liliana Lourenço

All the faculty

All the participants

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