



AI & training - friend or foe?

9TH NASCE SCIENTIFIC MEETING

OCTOBER 6-9, 2025

GHENT (BELGIUM)

ITCIT (GHENT UNIVERSITY HOSPITAL) & ORSI ACADEMY



Medtronic



VIRTAMED



surgicalscience



DAY 1 - OCTOBER 8, 2025

07:30 Transport from hotel to Orsi Academy by bus

08:00 Registration

08:30 Welcome

Emin Aksoy
Wouter Willaert
Eva Vanderstraeten

09:00 Plenary session 1: Training & Assessment!

NASCE

Chairs: Piet Pattyn (ITCIT), Dara O'Keeffe (RCSI) & Uli Strauch (DSSH)

09:00 - 09:10 + 5 min	Training 'The Robotic Surgeon' - Proficiency-based technical training
09:15 - 09:25 + 5 min	Measuring resident competence during chest drain insertion - Validity study
09:30 - 09:40 + 5 min	Assessment of Clinical Reasoning and Human Factors in a Simulated Environment
09:45 - 09:55 + 5 min	Scalable Scientific solution for simulation-based training
10:00 - 10:10 + 5 min	AI in healthcare - The missing link between simulation and assessment

Niki Rashidian
Leander De Mol
Dieter Vyt
Paul Sergeant
Wouter Bogaert

10:15 Coffee break & networking

11:00 Plenary session 2: Training, Time, Tutors ... is what WE NEED!

NASCE meets 'the YOUTH'

Chairs: Gilles Soenens (BAST), Eva Vanderstraeten (Orsi), Jul Lambermont (Junior Orsi) & Per Stroli (MiDT)

11:00 - 11:07 + 3 min	Get to know Junior Orsi
11:10 - 11:17 + 3 min	Challenges and opportunities in surgical formation
11:20 - 11:27 + 3 min	Successful integration of simulation based training in daily practice
11:30 - 11:37 + 3 min	Stress during simulation training
11:40 - 11:47 + 3 min	Building competent simulation educators: SimNext approach to lifelong learning
11:50 - 11:57 + 3 min	Assessing AI as a diagnostic support tool for surgical admissions in the emergency department (prize session)

Olivia Corthals & Marie Huys
Cédric Schraepen
Gilles Soenens
Maria Tjønnås
Uli Strauch
Tom McIntyre

12:00 Industry sessions

12:15 **Lunch & networking**

13:30 **Breakout sessions**

Hands-on training: New frontiers in robotic surgery
The AI patient: Future or reality
VR endovascular aortic repair
Roundtable discussion: Healthcare Simulation 2050: Building a better future together
Optimizing team performances in the operating room: learning from elite sport & military

Orsi Academy
Arteveldehogeschool
Artem Vitkovskiy
NASCE, SESAM, DSSH & Orsi Academy
Calum Arthur

15:00 **Coffee break & networking**

15:30 **Plenary session 3: Team training - Enhancing competency and confidence**

Chairs: Dilek Kitapcioglu (CASE), Dieter Vyt (DSSH/ITCIT) & Per Luigi Ingrassia (SESAM)

15:30 - 15:40 + 5min

ECMO and team training

15:45 - 15:55 + 5 min

Surgical sabermetrics enhancing operative team performances

16:00 - 16:10 + 5 min

Technologies & innovation for team training

16:15 - 16:25 + 5 min

Resilience during a crisis - lessons from the Covid 19 pandemic
(prize session)

16:30 - 16:50 + 5 min

NASCE - 10 years young!

NASCE meets SESAM

Harlinde Peperstraete &
Beth Vandenbroucke
Calum Arthur
Serena Ricci
Cecilia Escher

Li Felländer-Tsai, Oscar Traynor
& Dara O'Keeffe

17:00 **Tour of Orsi Academy**
Two poster sessions with appetizers & drinks

**Chairs: Nicla Settembre (Hopital Virtuel de Lorraine), Lars Enochsson (CAMST), Wouter Willaert (ITCIT)
Niki Rashidian (ITCIT/Orsi), Apostolos Papalois (SUBRE), Gilles Soenens (BAST)**

18:00 **Networking walking dinner at Orsi Academy celebrating NASCE's 10th birthday!**

20:30 **Return to hotel by bus**

DAY 2 - OCTOBER 9, 2025

08:00 **Transport from hotel to Orsi Academy by bus**

08:30 **Welcome & summary day 1 NASCE annual meeting**

Isabelle Van Herzeele

08:45 **Plenary session 4**

NASCE meets RBSS

Chairs: Oscar Traynor (NASCE), Jean Lemaitre (RBSS) & Nicla Settembre (Hopital Virtuel de Lorraine)

08:45 - 09:00 + 5 min	Simulation school of Nancy and simulation program in France
09:00 - 09:15 + 5 min	Patient-specific preoperative simulation based on Artificial Intelligence 3D modelling
09:20 - 09:35 + 5 min	How to improve the NOTECHS to face surgical crisis: impact of team simulation
09:40 - 09:55 + 5 min	Coaching the surgeon
10:00 - 10:10 + 5 min	Proficiency based progression on the Hugo system for learning nerve-sparing robot-assisted radical prostatectomy: a feasibility study (prize session)

Nicolas Berte
Luc Soler
Jean-Marc Baste
Calum Arthur
Edoardo Beatrici

10:15 **Coffee break & networking**

11:00 **Plenary session 5: Innovation & Future of Simulation**

NASCE

Chairs: P Ridgway (UEMS), Li Felländer-Tsai (CAMST) & Serena Ricci (SESAM)

11:00 - 11:10 + 5 min	Voice as a vital sign? Using speech to identify cognitive load in surgery (prize session)
11:15 - 11:25 + 5 min	Boosting anatomical knowledge with echocardiography and videos, focusing on cognitive load, self-efficacy and motivation (prize session)
11:30 - 11:45 + 5 min	AI + Simulation-based learning - Mind the gap!
11:50- 12:05 + 5 min	Exploring DUTCH's simulation innovations in healthare
12:10 - 12:20	NASCE AM 2026
12:20 - 12:35	Prize announcement, certification & NASCE business meeting 2026
12:35 - 12:40	Closure NASCE AM

Tom McIntyre
Vicky Vandenbossche

Marco Mezzina
Uli Strauch
Per Stroli
L Fellander Tsai, T Antikainen,
D O'Keeffe & E Aksoy
Korneel Vandenbroucke &
Wouter Willaert

12:40 **Lunch & networking**

13:00 **NASCE ARB meeting & NASCE Executive meeting (invitation only)**

13:30 **Plenary session 6**

Chairs: Niki Rashidian (ITCIT/Orsi), Alexandra Dili (RBSS) & Pieter-Jan Hermans (BAST)

13:30 - 13:40+ 5 min	Bringing the lab to life: Pulso's Simulation - Platform for Vascular Training and Research
13:45- 13:55+ 5 min	Optimizing endovascular surgical training: a protocol for evaluating cognitive load and individualized video-based feedback in the PROSPECT program (abstract)
14:00 - 14:15 + 5 min	Advanced training in veterinary medicine anno 2025
14:20 - 14:35 + 5 min	Practical implementation of a Belgian ophthalmology training curriculum - facilitators and barriers
14:30 - 14:40+ 5 min	
14:45 - 14:55 + 5 min	New surgical curriculum in Belgium - embracing the changes! (TBC)

RBSS

Marco Testaguzza

Nicholas Rennie

Annelies Decloedt
Christina Koppen

Alexandra Dili

15:00 **Coffee break & networking**

15:30 **Break-out sessions**

Hands-on robotic basic skills (Toumai, Intuitive, Virtamed Robos Simulator)
ArthroS training simulator
VR training - Endovascular Aortic Aneurysm Repair
Open vascular surgical anastomosis in lower limb
VATS basic skills training
Eyesi simulator

Orsi Academy
Virtamed
Medtronic
Lemaitre
Johnson & Johnson
Christina Koppen

17:00 **Closure & farewell drinks**

RBSS