

AN INTERNATIONAL CONFERENCE ON DATA-DRIVEN SURGERY

SHAPING THE FUTURE OF INTELLIGENT
SURGERY FOR UNMATCHED PATIENT SAFETY

RIGSHOSPITALET, COPENHAGEN, DENMARK NOVEMBER
24TH AND 25TH 2025

Register at:

<https://kursusportalen.plan2learn.dk/dl.aspx?xmg=db3f8050-e7d3-4cbc-9fb7-a184e1938af6&r=KursusValg.aspx?id=137373>



GENERAL INFORMATION

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Learning objective + format + venue

04 + 05

Program day 1 + 2

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Research abstracts + travel grants

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Price + registration

08 + 09

Speakers + steering committee

Objective + format + venue

Learning objective

The focus of the conference will be to exchange knowledge regarding cutting-edge data-driven surgical approaches, with a specific emphasis on nurturing research and development efforts. These initiatives aim to utilize intraoperative data to enhance educational outcomes, elevate patient safety standards, and comprehensively optimize the utilization of healthcare resources.

Target audience

Healthcare staff from the operation room, researchers, hospital management

Format

Welcome to the innovative conference format of tomorrow, where audience engagement takes center stage! As attendees you're greeted with interactive sessions featuring word clouds generated from your thoughts on key topics. Throughout the event, *Sendstep* will be used for polls pop up on screens, inviting real-time input from participants, shaping discussions, and guiding the direction of sessions to fosters a collaborative environment.

Dates & venue

November 24th and 25th 2025

Rigshospitalet, Auditorium 1, Blegdamsvej 9, Copenhagen 2100, Denmark



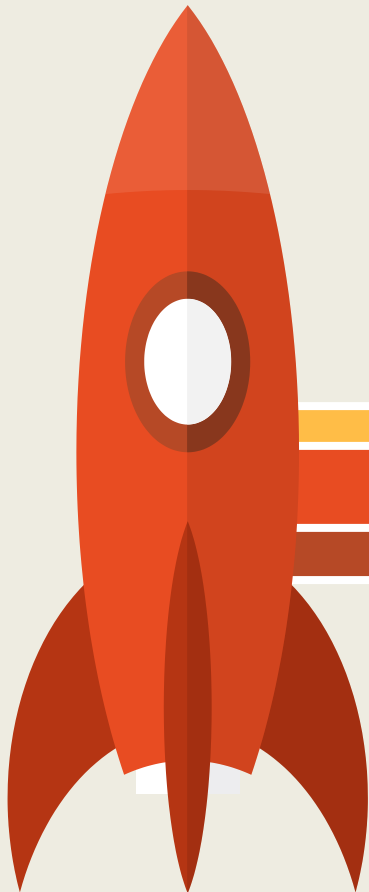
November 24th 2025 Day 1

Time	Subject	Speaker
Registration and welcome 		
11:45-12:00		
12:00-12:10	Presentation of moderator and format for conference Sendsteps will be used as tool for audience interaction	Steering committee (chair) Moderator: Rune Holdt
12:10-12:30	OR Black Box in 30 different acknowledged institutions	Teodor Grantcharov
12:30-12:50	1½ years with OR Black Box at Rigshospitalet	Jeanett Strandbygaard Michael Achiam
(Team) behavior in the OR		
12:50-13:10	Measuring What Matters: Redefining and Optimizing Safety	Patricia Trbovich
13:10-13:30	Using video analytics to elevate surgical performance	Steven Yule
13:30-14:00	Audience discussion around OR Black Box & team behavior 	
14:00-14:30	Break - poster views 	
Projects using AI/Data in the perioperative space and beyond		
14:30-14:50	AI modelling to predict intestinal leakage	Freek Daams
14:50-15:10	Transforming surgical outcomes: Implementing of WARD	Eske Kvanner Aasvang
15:10-15:30	Vascular surgery and AI	Isabelle Van Herzeele
15:30-15:45	Audience discussion around projects 	
Health tech and other high-risk industries		
15:45-16:10	What's the business case of tech in health care?	Jesper Grønbæk
16:10-16:35	Cleared for feedback: Aviation's approach to performance reviews with psychological safety	Jesper Zachariassen
16:35-17:00	Audience discussion around high-risk industries and tech 	
17:00-19:00	Drinks and networking End of day 1 	Venue TBD

November 25th 2025

Time	Subject	Speaker
8:45-9:00	Sum up from day 1	Steering committee Moderator: Rune Holdt
Leadership during change		
9:00-9:20	Great changes call for great leadership skills	Diana Skotte
9:20-9:40	Transition and Care	Philip Moons
9:40-10:00	Culture eats strategy for breakfast...	Kasper Aaboe
10:00-10:15	Audience discussion around leadership and change 📱	
10:15-10:45	Break - poster views ☕	
Young voice research session		
10:45-11:45	YOUNG VOICES – 6 abstracts accepted for oral presentation 6 min. presentation and 4 min. questions	
11:45-12:00	Vote from audience for best young voice presentation – prize to winner 🏆	Steering committee
12:00-13:00	Lunch 🍏🥗	
The future of surgery – and the future cost		
13:00-13:30	Fireside chat ‘How does surgery look 10 years from now’ – AI integration, efficiency and profitability, staff well-being, performance	Patricia Trbovich interviews Teodor Grantcharov
13:30-13:40	Audience discussion around fireside chat 📱	
Data science, AI and Healthcare – can they coexist?		
13:40-14:00	AI in Healthcare – Using it wisely and effectively	Mads Nielsen
14:00-14:20	How can we bring nursing into play in the modern operation room?	Birgitte Kjærgaard Jensen
14:20-14:40	Harnessing AI to improve surgical care	Ewan Harrison
14:40-15:00	Audience discussion around data science, AI and health care 📱	
15:00-15:30	Reflections on this year's conference + exchange info and goodbyes	Steering committee + audience

+ Research abstracts Travel grants



We encourage young voices, such as PhD students and other research groups to submit an abstract within the scope of the learning objective. Submit to Jeanett Strandbygaard at: jeanett.strandbygaard@regionh.dk

DEADLINE FOR ABSTRACT SUBMISSION IS
SEPTEMBER 20th 2025 (midnight)

The top 10 abstracts receive free conference access, and the six best will present orally. The best presentation, chosen by audience vote, wins a grand prize. Poster session is available.

There are additional travel grants for flights/trains/buses for young participants. Write to jeanett.strandbygaard@regionh.dk for info.

Registration + price

Price

Thanks to a sponsorship from the Novo Nordisk Foundation, the attendance fee is low: 50 Euros



Participant capacity

The conference can accommodate approximately 300 participants at maximum capacity, with attendance allocated on a 'first come, first served' basis.



Food

There will be served a light snack on day 1 + 1 drink at networking. Lunch on day 2.
There will be plenty of coffee, sodas, and snacks.



Registration at link with name, affiliation, title

<https://kursusportalen.plan2learn.dk/dl.aspx?xmg=db3f8050-e7d3-4cbc-9fb7-a184e1938af6&r=KursusValg.aspx?id=137373>



Speaker 	Country	Subject	Affiliation
Jesper Zachariassen Pilot, Head of Flight Operations	Denmark	Cleared for Feedback: Aviation's Approach to Performance Reviews with Psychological Safety	SAS, Scandinavian Airlines Systems
Teodor Grantcharov Professor of surgery Founder of SST	USA	OR Black Box in 30 different acknowledged institutions	Stanford University, School of medicine
Steven Yule Professor of Psychology	Scotland	Using video analytics to elevate surgical performance	Behavioral sciences at the University of Edinburgh
Patricia Trbovich Professor, behavioral science	Canada	Measuring What Matters: Redefining and Optimizing Safety with the OR Black Box	North York General Hospital & Institute of Biomaterials Engineering, University of Toronto
Mads Nielsen Professor	Denmark	AI in Healthcare – Using it wisely and effectively	Department of Computer Science, University of Copenhagen, Pioneer Centre for AI.
Kasper Aaboe Head of department OBGYN	Denmark	Culture eats strategy for breakfast...	Rigshospitalet, University of Copenhagen
Diana Skotte Founder of Mind Your Own Business	Denmark	Great changes call for great leadership skills	Copenhagen
Isabelle Van Herzeele Professor, vascular surgery	Belgium	Vascular surgery and AI	Ghent University
Jesper Grønbæk Founder and CEO	Denmark	What's the business case of tech in health care?	Health Tech Hub Copenhagen
Eske Aasvang Professor, anesthesia	Denmark	Transforming Surgical Outcomes: Implementing WARD	Rigshospitalet, University of Copenhagen
Jeanett Strandbygaard Associate professor OBGYN	Denmark	1½ years with OR Black Box at Rigshospitalet	Rigshospitalet, University of Copenhagen
Michael Achiam Professor, general surgery	Denmark	1½ years with OR Black Box at Rigshospitalet	Rigshospitalet, University of Copenhagen
Birgitte Kjærsgaard Jensen Operation room nurse	Denmark	How can we bring nursing into play in the modern operation room?	Rigshospitalet, University of Copenhagen
Freek Daams Professor, surgery	Holland	AI modelling to predict intestinal leakage	Amsterdam UMC
Ewan M Harrison Professor of surgery and data science	Scotland	Harnessing AI to improve surgical care	Director Centre for Medical Informatics University of Edinburgh
Philip Moons Professor, nursing	Belgium	Transition and Care	Healthcare and Nursing Science at the University of Leuven
Rune Holdt	Denmark	Moderator	Head of Innovation, Rigshospitalet

See you in Copenhagen this November



Steering and organizing committee

Jeanett Strandbygaard (chair), associate professor, OB/GYN, Rigshospitalet, DK

Jonas Eiberg, professor, Rigshospitalet vascular surgery, Rigshospitalet, DK

Lars Konge, professor, CAMES, DK

Isabelle van Herzele, professor, vascular surgery, University of Ghent, Belgium

Marlies Schijven, professor, abdominal surgery, University of Amsterdam, NL

Michael Achiam, professor, Rigshospitalet, abdominal surgery, DK

Johanne Hartmann, OR nurse, head of OR nurses Rigshospitalet in DK

Questions? Write to
jeanett.strandbygaard@regionh.dk