

A new perspective on surgical safety with focus on data-driven surgery, learning possibilities and international collaboration.

The first and founding conference on data-driven surgical safety in Copenhagen, Denmark

Learning objectives

The focus of the conference is 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.

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, polls will pop up on screens, inviting real-time input from participants, shaping discussions, and guiding the direction of sessions. This dynamic blend of technology and audience interaction fosters a collaborative environment, where ideas flow freely, and every voice is heard.

Dates & venue

October 24th and 25th 2024, Rigshospitalet, Blegdamsvej 9, Copenhagen 2100, Denmark

Target audience

- Health care staff of the operating room
- Researchers
- Hospital management

Steering and organizing committee

Jeanett Strandbygaard (chair), associate professor, OBGYN, Rigshospitalet, Denmark

Jonas Eiberg, professor, Rigshospitalet vascular surgery, Rigshospitalet, Denmark

Lars Konge, professor, Copenhagen Academy of Medical Education and Simulation, Denmark

Isabelle Van Herzele, associate professor, Department of Thoracic and Vascular surgery, Ghent University Hospital

Marlies Schijven, professor, abdominal surgery, University of Amsterdam, The Netherlands

Participants and fee

The conference can accommodate approximately 150 participants, with attendance allocated on a 'first come, first served' basis.

Thanks to a sponsorship from the Novo Nordisk Foundation, the attendance fee is only 100 Euros (750 DKK).

Registration with name, affiliation, title to – remember to write your workshop preference if any
data-drivensurgery-cph2024.center-for-hr@regionh.dk

Att. Coordinator Julie Aagaard-Weddin from CAMES. Subsequently a payment link will be sent out.

Young participants

We encourage young researchers to submit abstracts to the chair of Steering Committee Jeanett Strandbygaard at: jeanett.strandbygaard@regionh.dk. The top 10 abstracts will receive complimentary access to the conference, while the six most outstanding abstracts will have the opportunity to deliver a short oral presentation (with a prize awarded for the best presentation). There are a few travel grants for flights/trains/bus for young participants. Write jeanett.strandbygaard@regionh.dk for info.

Food: A light snack on day 1 and lunch on day 2 will be served - and plenty of coffee.

Program & venue

Auditorium 1, Rigshospitalet, University Hospital of Copenhagen, Denmark

Day 1 October 24th 2024

Time	Subject	Speaker
12:00-12:15	Registration	
12:15-12:30	Welcome Presentation of moderator and format for conference	Steering committee (chair) Moderator: Rune Holdt
12:30-12:45	Data driven surgery, past, present, future	Teodor Grantcharov USA
12:45-13:00	New frontiers for interdisciplinary research in the OR: Making sense of complexity	Patricia Trbovich Canada
13:00-13:15	The future of intelligent surgery	Steven Yule Scotland
13:15-13:30	Prep for panel discussion: Audience talks to persons next to you and sends topics for discussion to the	
13:30-14:00	Panel discussion with keynote speakers	
14:00-14:30	Bio break*	
14:30-15:10 Format 6 min. presentation 4 min. questions	Established speakers x 4:	
	OR Black Box – seen from the hospital chair's perspective	Thomas Høi-Hansen Denmark
	Safety climate in (non-)health care: lessons learnt	Peter Vlerick Belgium
	Bringing nursing in to play in data-driven surgery	Mette Marie Thomsen Denmark
	Legal challenges with video capture in the OR	Signe Sidenius & Jamal Rasul, Denmark
15:10-15:20	Prep for panel discussion: Audience talks to persons next to you and sends topics for discussion to the	
15:20-15:40	Panel discussion with established speakers	
15:40-16:10	Bio break*	
16:10-16:40	How is data and technology used to enhance performance in a football club?	Morten Raffnsøe Petz Head of Football Data Technology, FC København (Copenhagen)
16:40-17:10	Discussion among audience. End of day 1	

*Bio break: Whatever your body needs – networking, hydration, calories, walk & talk etc.

Day 2 October 25th 2024

Time	Subject	Speaker
8:30-9:00	Sum up from day 1	Steering committee + audience
9:00-10:00	Young voices x 6 Format 6 min. presentation 4 min. questions	
10:00-10:15	Vote from audience for best young voice presentation – prize to winner	Steering committee (chair)
10:15-10:45	Bio break*	
10:45-11:30	Established speakers x 4: Format 6 min. presentation 4 min. questions	
	Debriefing from a historical perspective	Kim Ekelund Denmark
	Team behavior in the hybrid operating room	Gilles Soenens Belgium
	Surgical research in an era of data-driven surgery	Michael Achiam Denmark
	Data selection and recording to support surgical staff in the workplace	Marlies Schijven The Netherlands
11:30-11:40	Prep for panel discussion: Audience talks to persons next to you and sends topics for discussion to the	
11:40-12:00	Panel discussion with established speakers	
12:00-12:45	Lunch	
12:45-13:10	Utilizing AI in the perioperative period to improve short- and long-term outcomes	Ismail Gögenur Denmark
13:10-13:15	Kick off to workshops	Steering committee (chair)
13:15-14:45	Workshop a Implementation of innovative technical solutions like the OR Black Box: Practicalities, onboarding & culture changes Bodil Bjerg, Carolien Bulte, Kim Ekelund, Johanne Hartmann	Heart Center, Conference room 14 th floor, 2141/2
	Workshop b Research and PhD students: Using innovative technical solutions like the OR Black Box for research. Lars Konge, Jonas Eiberg, Carsten Pedersen, Isabelle Van Herzelee,	Heart Center, Conference room 15 th floor, 2151/2
	Workshop c Next step: Driving the change towards safer surgery – what educational tools work and what to choose? Patricia Trbovich, Marlies Schijven, Birgitte Kjærsgaard, Jeanett Strandbygaard	Testhuset Mary's (front lawn of Rigshospitalet)
14:45-15:00	Reflections from workshop	Steering committee + audience
15:00-15:15	Evaluation and goodbye	Steering committee + audience

*Bio break: Whatever your body needs – networking, hydration, calories, walk & talk etc.

Name	Title and affiliation	Country
Teodor Grantcharov	Professor of Surgery, Stanford University. Founder and CEO of Surgical Safety Technologies.	USA
Patricia Trbovich	Associate professor, North York General Hospital & Institute of Biomaterials Engineering, University of Toronto	Canada
Steven Yule	Professor and chair of Behavioral Science, Usher Institute, University of Edinburgh	Scotland
Thomas Høi-Hansen	Head of Heart Center, Rigshospitalet	Denmark
Peter Vlerick	Full professor in Work and Occupational Health Psychology, Ghent University	Belgium
Mette Marie Thomsen	Head Operating Room Nurse, the abdominal center, Rigshospitalet	Denmark
Signe Sidenius & Jamal Rasul	Lawyer, Legal Department, Rigshospitalet	Denmark
Kim Ekelund	Head of obstetric anesthesia, Associate professor, Rigshospitalet & University of Copenhagen	Denmark
Gilles Soenens	PhD, Dept. of Thoracic and Vascular surgery, Ghent University Hospital	Belgium
Michael Achiam	Professor of surgery, Dept. Surgery & Transplantation, Centre for Cancer and Organ Diseases, Rigshospitalet & University of Copenhagen	Denmark
Marlies Schijven	Professor of surgery, Chair on Digital Health, University of Amsterdam	The Netherlands
Ismail Gögenur	Professor of surgery, founder and leader of Center for Surgical Science, University Hospital Køge & University of Copenhagen	Denmark
Rune Holdt	Head of Innovation, Rigshospitalet – moderator day I	Denmark

Workshop hosts

Name	Title and affiliation	Country
Workshop a <i>Implementation of innovative technical solutions like the OR Black Box: Practicalities, onboarding & culture changes</i>		
Bodil Bjerg	Chief consultant, The Heart Center, Rigshospitalet	Denmark
Carolien Bulte	Anesthesiologist, Amsterdam UMC	The Netherlands
Kim Ekelund	Head of obstetric anesthesia, Associate professor, University of Copenhagen & Rigshospitalet	Denmark
Johanne Hartmann	Operating nurse, dept. of thoracic surgery, Rigshospitalet	Denmark
Workshop b <i>Research and PhD students: Using innovative technical solutions like the OR Black Box for research.</i>		
Lars Konge	Professor, Copenhagen Academy of Medical Education and Simulation & University of Copenhagen	Denmark
Jonas Eiberg	Professor, Rigshospitalet vascular surgery, Rigshospitalet	Denmark
Isabelle Van Herzele	Associate professor, dept of thoracic and vascular surgery, Ghent	Belgium
Carsten Pedersen	Anesthesia nurse, dept. of dept. of thoracic surgery, Rigshospitalet	Denmark
Workshop c <i>Next step: Driving the change towards safer surgery – which educational tools work and what to choose?</i>		
Patricia Trbovich	Associate professor, North York General Hospital & Institute of Biomaterials Engineering, University of Toronto	Canada
Marlies Schijven	Professor of surgery, Chair on Simulation, Serious Gaming and Applied Mobile Healthcare, University of Amsterdam	The Netherlands
Birgitte Kjærsgaard	Operation room nurse supervisor, OBGYN, Rigshospitalet	Denmark
Jeanett Strandbygaard	Associate professor, Project lead OR Black Box Copenhagen, Rigshospitalet & University of Copenhagen	Denmark