



THE EXCLUSIVE "DAVOS FOR SURGEONS"
**THE 3D WORLD CONGRESS ON
 SURGICAL TRAINING – SURGICON**

5-7 MAY 2021

OPENING CEREMONY: **AGNETA HOLMÄNG,**
KARIN BÅTELSSON,
MARGARETA BERG,
DAN FARAHMAND

Dean, Sahlgrenska Academy, Gothenburg University, SWE
1st Deputy Chairman Swedish Medical Association
MD, PhD, Orthopaedic surgeon, Founder & Program director, SWE
MD, PhD, Neurosurgeon, Chairman of the Surgicon Board, SWE

HONORARY
 GUEST LECTURERS: **JULIE FREISCHLAG,**
DENIS MUKWEGE,

Dean of Wake Forest School of Medicine NC, USA
President-Elect of American College of Surgeons
Nobel Peace Prize Laureate 2018, Congo-Kinshasa

MODERATOR: **KAI OLMS**

Orthopaedic Surgeon, Cofounder of Surgicon, GE

Main Topics:

- Scientifically based surgical training I: State of the Art
- Scientifically based surgical training II: Educational instruction of manual skills, An expanding research field
- Quality & Safety in Surgical training; Patient's Safety & Adverse events
- Challenges in Simulation: Open versus Endoscopic simulation
- Rules and Roles – Surgical Training and the Surgical Device Industry
- Robot Assisted Surgery – The Surgeon's Role and the need for training
- Requirements for International Exchange of Surgeons;
 - The need for Internationally Valid 'Driver's Licenses' for Surgeons
- Senior Surgeons and New Surgical Techniques - The need for Continuous Training
- The Surgical Resident's Dream Scenario – Regardless of Budgets & Schedules
- The Governmental Responsibility for Consistent Standards in Surgical Training & Surgical Quality

Keynote Speakers:

Richard M. Satava, USA
Jeroen J.G. van Merriënboer, NL
Teodor Grantcharov, CA
Mark Bowyer, USA
Julio Mayol, ESP
Pernilla Dahm-Kähler, SWE
Denis Mukwege Kongo-Kinshasa
Marlene DeMaio, USA
Spencer Beasley, NZ
Carla Pugh, USA

All our distinguished speakers:

Julie Freischlag, USA	Jeroen J.G. van Merriënboer, NL	Ram Nataraja, AUS	MariAnne Karlsson, SWE
Denis Mukwege, Kongo (COD)	Alberto Breda, ESP	Magnus Kjellman, SWE	Helena Taflin, SWE
Richard M. Satava, USA	Julio Mayol, ESP	Johan von Schreeb, SWE	Knut Magne Augestad, NO
Spencer Beasley, NZ	Sean Tierney, IRE	Aline Lautenberg, BE	Kristine Hagelsteen, SWE
Carla Pugh, USA	Anthony G. Gallagher, IRE	Sri Subramaniam, UK	Pontus Kåmark, SWE
Teodor Grantcharov, CA	Steven Wexner, USA	Oskar Lindwall, SWE	Dan Farahmand, SWE
Richard L Angelo, USA	Mark Bowyer, USA	Karin Båtelson, SWE	Niclas Kvarnström, SWE
Marlene DeMaio, USA	Leon Snyman, South Africa	Peter Naredi, SWE	Hildur Thorarinsdottir, SWE
Peter Linz, USA	Justin W Collins, UK	Lars Dahlin, SWE	Vishal Amlani, SWE
Erno Lehtinen, FI	Wakisa Mulwafu, Malawi	Soon-Ok Cha, SWE	Emelie Lindsköld-Ikaneng, SWE
Jeff Bezemer, UK	Sloane Guy, USA	Pernilla Dahm-Kähler, SWE	Susanne Börjesson, SWE

General information

The aim of this non-profit event is to lift the question about **the need for scientifically based surgical skills training**. Our two former meetings were called "Davos for Surgeons" due to our unique way to make world famous leaders in surgery gather around this topic for several days. This time we combine dedicated leaders in surgery with experts in pedagogics and psychology focused on manual skill's training and industrial representatives and operating room nurses. The questions debated are as important for all surgical specialities, and we welcome the targeted audience combined of both young and experienced surgeons, the pedagogical community, decision makers, patient's safety pECIALISTS, surgical residents, O.R.nurses, medical school students and representatives from the surgical industry.

Welcome

THE 3D WORLD CONGRESS ON SURGICAL TRAINING

SURGICON

5-7 MAY 2021

DAY 1

08.00-08.20

INAUGURATION CEREMONY, 10 YEAR JUBILEE:

**Agneta Holmång, Karin Båtelson, Margareta Berg, Dan Farahmand
Kai Olms, Moderator**

08.20-08.40 Honorary Guest Lecture No 1: "The Importance of Surgical Training Outside the Operating Room - TOOR"

DR JULIE FREISCHLAG, MD, FACS, FRCSEd(Hon), DFSVS, CEO Wake Forest Baptist Health, Dean of Wake Forest School of Medicine North Carolina, USA and President-Elect of American College of Surgeons

08.40-10.15 **SESSION: Scientifically based Surgical Training, Part I: State of the Art**

- 08.45-09.05 **Keynote lecture: "State of the Art, Development and Future Direction"**Richard M. Satava, USA
09.05-09.20 1 "An evidence-based approach to surgical training: the PBP method" Anthony G.Gallagher, IRE
09.20-09.35 2 "Warning signs and selection of trainees".....Kristine Hagelsteen, SWE, Chair
09.35-09.50 3 "Utilisation of Telementoring to collect objective performance data"..... Justin W Collins, UK
09.50-10.15 **Panel and Audience debate, Conclusions**

10.15-10.45 Digital Exhibition Break

10.45 – 12.15 **SESSION: Scientifically based Surgical Training, Part II: Instructional design & Psychology; An Expanding Research Field,**

- Oskar Lindwall SWE, Chair
10.50-11.10 **Keynote: "The systematic design of surgical training with the 4C/ID model"**..... Jeroen J.G. van Merriënboer, NL
11.10-11.25 1 "How to talk about surgical training"..... Jeff Bezemer, UK
11.25-11.40 2 "How to enhance a system of interrelated knowledge, skills, and practices: A challenge for medical training"
Erno Lehtinen, FIN
11.40-11.55 3 "The relevance of interdisciplinary research on surgical training".....Oskar Lindwall, SWE
11.55-12.15 **Panel and Audience debate, Conclusions**

12.15 -13.30 Lunch break

13.30-15.15 **SESSION: Quality and Safety - Surgical Training, Patient's Safety and Adverse events**

- 13.35-13.55 **Keynote: "OR Black Box - using data to improve surgical education and surgical safety"** Teodor Grantcharov, CAN, Chair
13.55-14.10 1 "Developing and validating a novel method of colorectal surgery skills assessment" Steven Wexner, USA
14.10-14.25 2 "A patient's perspective; 3 come-backs on the national soccer team after 3 cruciate lig ruptures" Pontus Kåmark, SWE
14.25-14.40 3 "Adverse events; Lessons that's needs to be learned"..... Helena Taflin, SWE
14.40-14.55 4 "High quality education in a high quality environment, the HARM Score and the "Failure to rescue"- factor"
Knut Magne Augestad, NO

14.55-15.15 **Panel and Audience debate, Conclusions**

15.15 -15.30 Digital Exhibition Break.

15.30-17.00 **SESSION: Challenges in Simulation of Open versus Endoscopic surgery**

- 15.35-15.55 **Keynote lecture: "Simulation Based Training for Open Surgical Procedures: The Current and Future Promise and Limitations"**..... Mark W Bowyer, USA
15.55-16.10 1 "The future of surgical technology - demanding new training methods".....Magnus Kjellman, SWE, Chair
16.10-16.25 2 "Artificial Intelligence - Making Its Way into the Operating Room".....Richard L Angelo, USA
16.25-16.40 3 "The application of simulation-based medical education to all resource settings for surgical skills acquisition"
.....Ram Nataraja, AUS
16.40-17.00 **Panel and Audience debate, Conclusions**

Some represented institutes:



THE 3D WORLD CONGRESS ON SURGICAL TRAINING - SURGICON

5-7 MAY 2021

DAY 2

08.30-10.00	SESSION: Rules and Roles – Surgical Training and the Surgical Device Industry	
08.35-08.55	Keynote lecture: "Technology, training and surgeons".....	Julio Mayol, ESP, Chair
08.55-09.10	1 "Legal & compliance framework for interactions between surgeons & medtech companies"....	Aline Lautenberg, BE
09.10-09.25	2 "Managing expectations between health care professionals and industry".....	Sri Subramaniam, UK
09.25-09.40	3 "Rules and Roles: Surgical Training and the Surgical Device Industry: Collaboration is the New Normal".....	John Lenihan, USA
09.40-10.00	Panel & Audience debate, Conclusions	

10.00-10.30 Digital Exhibition Break

10.30-12.00	SESSION: Robot Assisted Surgery; The Surgeon's Role and the Need for Training	
10.35-10.55	Keynote lecture: "Learning Robotics in gynecologic oncology and uterus transplantation".....	Pernilla Dahm-Kähler, SWE, Chair
10.55-11.10	1 "The ERUS structured curriculum in robotic assisted prostate/kidney surgery".....	Alberto Breda, Urology, ESP
11.10-11.25	2 "Educational Advances in Robotic Cardiac Surgery".....	Sloane Guy, USA
11.25-11.40	3 "Robotic surgical training in general surgery at a tertiary hospital".....	Niclas Kvarnström, SWE
11.40-12.00	Panel and Audience debate, Conclusions	

12.00-13.00 Lunch Break

13.00-14.45	SESSION: Requirements for International Exchange of Surgeons – the need for Internationally Valid 'Driver's Licenses' for Surgeons	Sean Tierney, IRE, Chair
13.05-13.25	Honorary guest lecture No 2: DENIS MUKWEGE, Nobel Peace Prize Laureate, Congo-Kinshasa	
	"Formation à la réparation chirurgicale des fistules vesico vaginale et recto vaginale" /	
	"Training program for surgical repair of vesico-vaginal and recto-vaginal fistulae"	<i>Simultaneous translation</i>
13.25-13.40	1 "eLearning and data driven training - Global Surgery partnerships".....	Sean Tierney, IRE
13.40-13.55	2 "Development and Implementation of the ENT curriculum in the COSECSA region".....	Wakisa Mulwafu, Malawi
13.55-14.10	3 "Mercy Ships - A surgical NGO's experience and practice in credentialing volunteer surgeons".....	Peter Linz, USA
14.10-14.25	4 "Improving international surgical relief following disasters, introducing the WHO Emergency Medical Teams initiative",	Johan von Schreeb, SWE
14.25-14.45	Panel and Audience debate, Conclusions	

14.45-15.15 Digital Exhibition Break

15.15-17.00	SESSION: Senior surgeons and New Surgical Techniques - The need for Continuous Training	
15.20-15.40	Keynote: "Moving Beyond the Apprenticeship Model: Collaboration and Models for Continuous Education".....	Marlene DeMaio, USA, Chair
15.40-15.55	1 "Teaching as life task – The role of the Senior surgeon".....	Soon-Ok Cha, SWE
15.55-16.10	2 "Can OR-Nurses be useful for surgeons in training?".....	Susanne Börjesson, SWE
16.10-16.25	3 "Following the development of surgical techniques and tools; <i>when</i> should we change surgical method?".....	Peter Naredi, SWE
16.25-16.40	4 "Anatomy, surgery and clinical work; the constant need for life long surgical training to <i>preserve</i> acquired skills".....	Lars Dahlin, SWE
16.40-17.00	Panel and Audience debate and Conclusions	

DAY 3

08.30-10.15	SESSION: The Surgical Resident's Dream Scenario, regardless of budgets & schedules	
08.35-08.50	Keynote: " The RACS Anti-bullying Campaign".....	Spencer Beasley, NZ
08.50-09.05	1 "Surgical training in the OR and in the lab during residency".....	Dan Farahmand, SWE
09.05-09.20	2 "Quantity by all means, but does it translate into Quality?".....	Vishal Amlani, SWE
09.20-09.35	3 "Selecting Surgery – or Not: Student Questionnaire 2021".....	Emelie Lindsköld, SWE
09.35-09.50	4 "How do we attain and sustain surgical craftsmanship?".....	Hildur Thorarinsdottir, SWE
09.50-10.15	Panel and Audience debate, Conclusions	

10.15-10.45 Digital Exhibition Break

10.45-12.00	SESSION: The Governmental Responsibility for Consistent Standards in Surgical Training & Surgical Quality	
	Chair :	Karin Båtelsson, SWE
10.50-11.10	Keynote: "The Government's Role in Supporting Consistent Standards in Surgical Training & Surgical Quality".....	Carla Pugh, USA
11.10-11.25	1 "Setting surgical training standards: whose responsibility is it anyway?".....	Leon Snyman, South Africa
11.25-11.40	2 "Who needs a certificate? A look into other domains".....	MariAnne Karlsson, SWE
11.40-11.55	3 "Swedish surgeons don't need surgical skills".....	Karin Båtelsson, SWE
11.55 ~ 13.30	Final debate, Conclusions, Agreements, Working Groups, Continuation, Congress Evaluation, Next Congress, Closure	

THE 3D WORLD CONGRESS ON SURGICAL TRAINING - SURGICON

5-7 MAY 2021, GOTHENBURG, SWEDEN

SCIENTIFIC COMMITTEE

Richard M. Satava, Anthony G. Gallagher, Richard L. Angelo, Peter Naredi, Mats Brännström,
Olle Ljungqvist, Kai Olms.

ORGANISING COMMITTEE

Margareta Berg, Dan Farahmand, Oskar Lindwall, Elin Schoultz, Emma Wahlström, Jonatan Regander,
Juuso Kuikka, Vishal Amlani, Miriam Petersson, Roger Fogelkvist,
Sara Persson, Susanne Börjesson, Niclas Kvarnström.

SPONSORS:



surgicalscience

INCISION



Surgical perfection. For life.



sharing
medical
knowledge™



Läkarjouren

Tillsammans för en bättre vård



OPEN SOURCE
RESEARCH



Medtronic

Further, Together



San Diego Shoulder

38th Annual San Diego Course

Interactive Virtual Shoulder Course

June 4-5, 2021

Arthroscopy, Arthroplasty and Fractures

www.surgicon.org