Final scientific program for NASCE 2017

Thursday October 12

08.00 – 09.00  
Registration at Hypoteket, Kyrkogatan 13 Lund

09.00 – 09.20  
Welcome and introduction

- Professor Peter Svensson, Faculty of Medicine, Lund University
- Professor Anders Bergenfelz, Practicum Clinical Skills Centre

Scientific session 1 (Moderator T Schröder)

09.20 – 09.50  
Key Note lecture:
Professor Lars Konge: Using virtual-reality simulators to assess competence in technical skills

09.50 – 11.00  
Free papers session

Oral 01

“Ensuring competency in virtual reality robotic surgery”

Lisette Hvid Hovgaard¹,², Lars Konge¹, Torur Dalsgaard³, Steven Arild Wuyts Andersen²,⁴, Christian Rifbjerg Larsen¹

1 Centre for Robotic Surgery, Department of Gynaecology, Copenhagen Hospital; Herlev-Gentofte, 2 Copenhagen Academy for Medical Education and Simulation (CAMES), for HR, the Capital Region of Denmark, 3 Department of Gynaecology and Obstetrics, Copenhagen University Hospital; Rigshospitalet-Glostrup, 4 Department of Otorhinolaryngology Head & Neck Surgery, Copenhagen University Hospital; Rigshospitalet- Glostrup

Oral 02

“CRM (Crisis Resource Management) Training for Undergraduate Medical Students."

M. Emin Aksoy, Dilek Kitapcioglu, M. Erhan Sayali, Feray Guven, Bulent Borali

Acibadem University, CASE (Center of Advanced Simulation and Education) Turkey
Oral 03

“Anxiety and Skills-based performance: does it really matter?”

Fatema Dhaif1*, Georgios Paparoidamis2*, Efstratia-Maria Georgopoulou3
John Hanrahan4 Ismini Tsagkaraki5, Nikolaos Staikoglou5, Theodoros Michail2,
Anastasios - Nektarios Tzavellas2, Stavroula Kiamili5, Michael Potoupnis5, Eleftherios
Tsiridis2, Michail Sideris1, Apostolos Papalois6.

1 Queen Mary University London, UK. 2 Aristotle University of Thessaloniki, Greece. 3
King’s College London, UK. 4 National and Kapodistrian University of Athens, Greece.
5 Experimental Research Centre ELPEN, Athens, Greece.
6 Department of Education & Quality Assurance, Laikon University Hospital, Athens,
Greece. *equal contribution with 1st author

Oral 04

“Identifying “early warning signs” in surgical trainees during selection process.”

Kristine Hagelsteen1, 2, Anders Bergenfelz1, 2, Christopher Mathieu3

1 Lund University, Skåne University Hospital, Department of Clinical Sciences,
Surgery, Lund, Sweden. 2 Practicum Clinical Skills Centres, Skåne University
Hospital, Sweden. 3 Lund University, Faculty of Social Sciences, Department of
Sociology, Lund University, Lund, Sweden.

Oral 05

“Development and validation of a theoretical direct ophthalmoscopy test:
preparing for and maximizing effect of simulation-based training.”

Morten Jørgensen, Lars Konge, Christos Christakopoulos, Torben Lykke Sørensen,
Yousif Subhi.

Department of Ophthalmology, Zealand University Hospital. Roskilde.

11.00– 11.30 Coffee

11.30 – 12.00 Scientific session 2 (Moderator I Van Herzeele)

Key Note lecture:

Ms Dara O’Keeffe, MB BCh BAO BMedSc MRCS: Selecting the Surgeons of
Tomorrow: can we predict future performance

12.00 – 12.30 Free paper session

Oral 06

“Developing a novel “tetra-core” undergraduate masterclass curriculum: the
ESMSC marathon cours paradigm.”

Michail Sideris1, Ismini Tsagkaraki2, Nikolaos Staikoglou3, Efstratia-Maria
Georgopoulou2, Georgios Paparoidamis3, Georgios Stagias4, Nikolaos Psychalakis5,
Georgios Tsoufas2, Georgios Zografos2, Vassilios Papalois5, Savvas Papagrigoriadis6,
George Velmahos7, Apostolos Papalois4

1 Queen Mary University London, UK. 2 National and Kapodistrian University of
Athens, Greece. 3 Aristotle University of Thessaloniki, Greece.
4 Experimental Research Centre ELPEN, Athens, Greece. 5 Imperial College London,
UK. 6 King’s College London, UK. 7 Harvard Medical School, US
Oral 07

“Ideal design of a postgraduate inter professional blended learning concept to improve paediatric emergency care: results of a focus group study among participants and tutors.”

Sören Huwendiek¹, Michaela Klinke², Ronny Lehmann³, Anke Seitz³, Burkhard Tönshoff³, Jochen Meyburg⁵

¹ Department of Assessment and Evaluation, Institute of Medical Education, University of Bern, Switzerland. ² Clinic for Child Surgery, University Hospital Hamburg Eppendorf, Germany. ³ Centre for Child and Adolescent Medicine, Clinic I, University Hospital Heidelberg, Germany.

12.30 – 13.45 Lunch

13.00 – 13.45 Executive council and ARB meeting (by invitation only)

13.45 – 15.30 Scientific session 3 (Moderator E Aksoy)

Free paper session

Oral 08

“Educational methods and teaching styles applied in the 6-year longitudinal course Fundamentals of Medical Skills as experienced by international medical students (EDUMED study)”

Vesna Degoricija¹,²,³ Ines Potočnjak², Monika Crumbach³, Anna Mara Hrgetić Vitols³, Sandra Hrnčić³, Christopher Lambers³, Marijana Braš¹,³, Davor Ježek¹,³, Sven Seiwerth¹,³, Marijan Klarica¹,³

¹University of Zagreb School of Medicine, ²University Hospital Centre Sisters of Charity, Department of Medicine, ³Medical Studies in English University of Zagreb School of Medicine, Zagreb, Croatia

Oral 09

“Performance and perception of haptic feedback in a 3D virtual reality simulator”

Kristine Hagelsteen¹,², Richard Johansson², Mikael Ekelund²,³, Anders Bergenfelz¹,², Magnus Anderberg³,⁴

³Lund University, Skåne University Hospital, Department of Clinical Sciences, Surgery, Lund, Sweden. ²Practicum Clinical Skills Centres, Skåne University Hospital, Lund, Sweden. ³Lund University, Skåne University Hospital, Department of Clinical Sciences, Surgery, Malmö, Sweden. ⁴Lund University, Skåne University Hospital, Department of Clinical Sciences, Paediatrics, Lund, Sweden.
Oral 10

“In-scenario instruction in simulation based team training – different methods to fill the gap”

Cecilia Escher1, Hans Rystedt2, Lisbet Meurling1, Johan Creutzfeldt1, Li Felländer-Tsai1

1Center for Advanced Medical Simulation and Training – CAMST. Department of Clinical Science Interventions and Technology – CLINTEC Karolinska University Hospital, Stockholm, Sweden. 2Dept. of Education, Communication and Learning, University of Gothenburg, Gothenburg, Sweden

Oral 11

“BESTA – compulsory driver license to further training in OR

BESTA: Basic Endosurgical Simulation Training and Assessment”

Gorshkov, Maxim1, 2, Sovtsov, Sergey3, Matveev, Nikolay4

1European Institute for Simulation in Medicine, Germany. 2Sechenov First Moscow State Medical University, Moscow, Russia. 3South Ural State Medical University, Chelyabinsk, Russia. 4Moscow State University of Medicine and Dentistry, Moscow, Russia

Oral 12

“Training emergency surgery skills: a simple, functional training model innovation for surgical residents for learning to manage massive intra-abdominal bleeding”

Tiia Kukkonen, Annika Mäkeläinen, Teuvo Antikainen

Central Finland Central Hospital

Oral 13

“HybridLab: the new blended learning platform for self-directed medical simulation in the effective development of the technical and non-technical competences.”

P.Ignatavicius1, R.Gudaityte1, P.Dobozinskas2, D.Vaitkaitis2, A.Krikscionaitiene3, Z.Dambrauskas1, A.Tamelis1

1Department of Surgery and 2Crises Research Centre, Department of Emergency and Disaster Medicine, Lithuanian University of Health Sciences, Kaunas, Lithuania.

Oral 14


Michail Sideris1, Ismini Tsagaraki2, Elizabeth Caunce3, Hannah Wright4, Connie Pidgeon2, Iacovos Theodoulou4, Evangelia Vlachodimitropoulou-Koumoutsea4, Ziena Abdullah4, Thanos Athanasiou5, Apostolos Papalois8

1NIHR Academic Clinical Fellow in O+G, Queen Mary University London, London Deanery. 2Medical Student, National and Kapodistrian University of Athens. 3Foundation Year 2 Doctor, London Deanery. 4Medical Student, National and Kapodistrian University of Athens. 5Specialty Training Registrar (SpR) in O+G, London Deanery. 6Specialty Training Registrar (StRY1) in O+G, London Deanery. 7Medical Student, King’s College London. 8Professor of Cardiovascular Sciences,
Department of Surgery and Cancer, Imperial College London. *Director of Experimental Research Centre (ERC) ELPEN, Visiting Professor, Harvard Medical School

* Senior authors of the study
1 Conception of study
* ESMSC Course Lead (Sideris, Papalois et al.)

15.30 – 16.00 Coffee
16.00 – 16.45 Scientific Session 4 (Moderator P Ridgeway)

Free paper session

Oral 15

“Promoting Undergraduate Neurosurgical Education: is ex-vivo simulation-based learning a step forward?”
John Hanrahan¹, Parmenion Tsitsopoulos², Alexios Bibis³, Fatema Dhaif⁴, Nikolaos Psychalakis³, Georgios Stagias³, Michail Sideris⁴, Apostolos Papalois¹.

¹King's College London, United Kingdom. ²Aristotle University of Thessaloniki, Greece. ³Experimental Research Centre ELPEN. ⁴Queen Mary University London.

Oral 16

“Longitudinal study of laparoscopic versus open approach in pediatric appendicitis: trends in the last decade”
Department of Surgery Adelaide and Meath Hospital, Tallaght, Dublin, Ireland

Oral 17
Simulation of laparoscopic procedures in reperfused Thiel embalmed human livers
W.Willaert, T.Monbailliu, R.Troisi, K.D'Herde, P.Pattyn
Ghent University Hospital, De Pintelaan 185, 9000 Ghent, Belgium

16.45 – 17.15 NASCE AGM (all welcome)
19.00 Dinner at Hypoteket
Friday October 13

08.00 – 08.30  
*Registration at Hypoteket, Kyrkogatan 13 Lund*

08.30 – 09.15  
**Scientific session 5** (Moderator O Traynor)

*Free paper session*

**Oral 18**

“A national needs assessment to identify and prioritize procedures for simulation-based training in radiology.”

Leizl Joy Nayahanan¹, Kristina Rue Nielsen¹,², Elisabeth Albrecht-Bestė³, Michael Bachmann Nielsen¹,², Charlotte Paltved⁴, Karen Gilboe Lindorff-Larsen⁵, Bjørn Ulrik Nielsen⁶, Lars Konge³,²

¹Copenhagen Academy for Medical Education and Simulation, The Capital Region of Denmark, Copenhagen. ²Department of Radiology, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark. ³Department of Clinical Physiology, Nuclear Medicine and PET, Copenhagen University Hospital, Rigshospitalet, Copenhagen, Denmark. ⁴MidtSim – Centre for Human Resources, Central Region of Denmark and Aarhus University, Aarhus, Denmark. ⁵NordSim – Centre for Skills Training and Simulation, Aalborg University Hospital, Aalborg, Denmark. ⁶Sim-C – the Simulation Centre of Odense University Hospital, Odense, Denmark. ⁷Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark.

**Oral 19**

“A PROFicienC-based StePwise Endovascular CurricuLar Training (PROSPECT) program enhances performances in real life: a randomized controlled trial.”

Bart Doyen, Heidi Maertens, Frank Vermassen, Nathalie Moreels, Wouter Willaert, Isabelle Van Herzeele. On behalf of the Institute of Training and Clinical Innovative Technology Gent (ITCIT)

Ghent University Hospital, Ghent, Belgium

**Oral 20**

”Teaching for transfer through simulation based training”

Morris M, Gillis A, O’Connor D, Ridgway PF.

Department of Surgery, Tallaght Hospital and Trinity College, Dublin. Ireland.

09.15 – 09.45  
**Accredited NASCE-centre presentation and diploma ceremony**

*Experimental – Research Center, ELPEN, Athens, Greece (Multispeciality Format)*

Professor Apostolos E. Papalois

*Hopital Virtuel de Lorraine, Nancy, France (Multispeciality Format)*

Professor Marc Braun
09.45 – 10.15  **Scientific session 6** (Moderator A Bergenfelz)

*Key Note lecture:*

Associate Professor Pelle Gustafson, Chief Medical Officer, the Swedish National Patient Insurance: *Diagnostic errors and shortcomings: a major cause of complications in health care*

10.15 – 10.45  **Coffee**

10.45 – 12.00  **Scientific session 7** (Moderator P Ridgeway)

*Exchanging Training Concepts & Ideas*

**Center of Advanced Simulation and Education- CASE, Istanbul, Turkey:**

Crisis Resource Management (CRM) Training for Undergraduate Medical Students during the interactive session.

Aksoy MçD., Ph.D., Dilek Kitapcioglu M.D., Erhan Sayali M.D.

**Institute for clinical innovation and training - ITCIT Gent, Belgium**

Attracting undergraduate students to surgical specialties trough a week-long summer course: a 5-year single-center experience."

Mr. Bart Doyen

**Copenhagen Academy for medical education and simulation-CAMES, Copenhagen, Denmark**

Preparing trainees for real-life clinical practice: the impact of the CAMES Technical Skills “Boot Camp”

Leizl Joy Nayahangan, RN, MHCM.

**Royal College of Surgeons of Ireland-RCSI**

A novel simulation based Mastersprogram in Surgery

Professor Oscar Traynor

**Practicum Clinical Skills Centre, Lund, Sweden**

Bridging the gap: "A Course to Promote Local Scenario-Based Training in Emergency Medicine"

Eric Dryver, MD

12.00 –  **Closing remarks and lunch** (A Bergenfelz)

14.00 – 17.00  **Train-the-Trainers course** (for accepted participants only)

Practicum Clinical Skills Centre, Barngatan 4, Skåne University Hospital-Lund

**Saturday October 14**

08.30– 16.00  **Train-the-Trainers course**

Practicum Clinical Skills Centre, Barngatan 4, Skåne University Hospital-Lund