Medical Simulation
-Chain (Re)action towards Patient Safety-

7th Congress Dutch Society for Simulation in Healthcare
18th March 2015, Alkmaar, the Netherlands
Dear colleagues and friends,

The 7th Annual Congress of the Dutch Society for Simulation in Healthcare will take place in the Medical Centre Alkmaar (MCA), The Netherlands. The MCA is a top clinical hospital, where healthcare, research, education and quality of care go hand in hand. Located near Amsterdam, the MCA is easy to reach by car or public transport.

This year’s theme of the conference is “Chain (Re)action toward Patient Safety”

Healthcare is a multidisciplinary effort, with different groups of practitioners who adapt their own standards and working methods, and with healthcare workers who act, interact and react to treat patients safely. During the upcoming congress we will discuss how we can improve these interactions between the various chains of healthcare by implementing simulation and serious games in daily practice.

Our keynote lecturer fits with the theme of this year’s congress, as Nick Sevdalis is an expert in team training and assessment in both clinical and simulated training environments. Together with Ralf Krage and the local team of Alkmaar, he will share his experience with team assessment and debriefing during an interactive workshop. Simultaneously, a variety of interesting subjects concerning the use of simulation and games for medical professionals will be covered, presented by representatives from the medical domain, academia in general and industry. The accompanying exhibition will provide attendees with lots of opportunities to interact with developers and others.

So! Are you actively involved in designing educational programs for training health professionals using simulation or serious gaming? Do you train, assess or debrief health care professionals using simulation or serious gaming; do you develop or validate tools or scenarios? Then do not miss the DSSH congress in Alkmaar, 18 March 2015.

We hope to meet you soon in Alkmaar!

Ludmilla Garmers MD, congress president
Isabelle Van Herzeele MD PhD, president of the DSSH
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The Dutch Society for Simulation in Healthcare
The Dutch Society for Simulation in Healthcare - DSSH- was founded in June 2007; and aims to:

Support the development and implementation of Simulation and ‘Serious Gaming’ in Healthcare; and improve evidence-based education, team training, quality in healthcare and ultimately patient safety.

The Society aims to achieve this goal by:
• Facilitating, exchanging and improving the use of simulation technology and its appropriate application in Belgium and the Netherlands and with the affiliated foreign Societies (networking function);
• Development and promotion of standards for evidence-based simulation training in healthcare and its associated research through the Society’s Commission activities, newsletters and annual Congress;
• Supporting a global Dutch network for, by and through all professionals involved with Simulation and ‘Serious Gaming’ in Healthcare.

To accomplish this goal, the DSSH has a number of committees:

Committee on Accreditation and Standardization:
To promote and facilitate (inter-) disciplinary standards for accreditation, standardization and certification for professionals in Healthcare. To stimulate scientific activities and establish collaboration between various professionals and professions involved in accreditation and standardization for medical simulation.

Chair of this Committee: Dr. P.A.J. (Pieter) Borg; email: p.borg@mumc.nl
Committee on Serious Gaming:
To promote and facilitate initiatives contributing to the development and implementation of ‘Serious Gaming’ in Healthcare by facilitating collaboration between soft- and hardware developers, game designers, ICT professionals and medical professionals in daily healthcare.

Chair of this Committee: Dr. A. (Alma) Schaafstal; email: alma.schaafstal@gmail.com

Committee on Education:
To promote and facilitate the quality of medical teaching and -education within the DSSH, and to offer a platform for educational activities and improve the collaboration between various professionals and professions involved in educational activities including any type of medical simulation.

Chair of this Committee: Mr. drs. L.E. (Ludmilla) Garmers; email: l.e.garmers@mca.nl

Committee on Scientific Research:
To promote and facilitate research activities within DSSH. To establish a network between various professionals and professions active in research focusing on the use and implementation of medical simulation in daily practice.

Chair of this Committee: Dr. ir. G.J.M. (Gabrielle) Tuijthof; email: g.j.m.tuijthof@tudelft.nl

Quality Label for Serious Games
Last year, the DSSH introduced the Quality Label for Serious Games to bridge the gap between game developers and medical practitioners internationally. Everyone is welcome to submit his or her serious game via the DSSH Website. Further information about the Quality Label is available in: Graafland M, Dankbaar M, Mert A, Lagro J, De Wit-Zuurendonk L, Schuit S, Schaafstal A, Schijven M. How to Systematically Assess Serious Games Applied to Health Care. JMIR Serious Games 2014;2(2):e11 DOI: 10.2196/games.3825
The DSSH welcomes and encourages new input!
Not only physicians or medical students but all healthcare professionals (e.g. nurse practitioners, physician assistants, obstetricians, anesthesiology assistants and OR assistants…) are cordially and actively invited to join and participate within our Society. We are also looking for motivated soft- and hardware developers, game designers, ICT professionals who would like to work in close collaboration with medical professionals.

Are you interested to join the activities of one of these Committees? Please send an email to the DSSH board via secretariaat@dssh.nl
Noelle
De Noelle is de meest geavanceerde draadloze computergestuurde simulatiepop van een zwangere vrouw met vele mogelijkheden voor trainingen op het gebied van zwangerschap en bevalling. Wordt sinds kort ingezet bij de landelijke Simulatie-training Acute Verloskunde (SAVE’r).

LapSim

Skills Meducation maakt zich al jaren sterk voor een optimale patiëntveiligheid. Dat doen we door opleidingsinstellingen voor medici en zorgverleners te ondersteunen met een breed pakket aan praktijkgerichte trainings- en simulatieproducten.

Nederlandse Vereniging voor Medisch Onderwijs: Word Lid!
De NVMO is met meer dan 1300 leden de grootste vereniging voor alle betrokkenen in het onderwijs in de gezondheidszorg in Nederland. Actief in de artsopleiding, de medisch-specialistische opleiding, de diergeneeskundige opleiding, en andere opleidingen in de gezondheidszorg. Het jaarlijkse congres in november wordt zeer goed bezocht door docenten en studenten. Het tijdschrift van de vereniging “Perspectives on Medical Education” is een on line tijdschrift en verschijnt vijf- tot zesmaal per jaar. De vereniging heeft 14 landelijke werkgroepen, van Professioneel Gedrag tot Skills & Simulatie, van E-learning tot Docentprofessionalisering. De NVMO stimuleert onderzoek en ontwikkeling van onderwijs in de gezondheidszorg, ondersteunt promovendi op dit gebied met een jaarlijks symposium en verzorgt ethische toetsing van onderwijsonderzoek.

De NVMO nodigt studenten en docenten en of zij die dat willen worden van harte uit lid te worden. De kosten zijn € 85,- per jaar (studenten € 30,-) en geeft korting op het jaarlijkse congres én op het congres van de Association for Medical Education in Europe, uitnodigingen voor landelijke werkgroepbijeenkomsten en voor al een stimulerend netwerk van contacten met andere onderwijs-geïnteresseerden uit Nederland en Vlaanderen.

Heb je interesse voor onderwijs in de gezondheidszorg? Meld je aan bij de secretariaat@nvmo.nl of bekijk de website www.NVMO.nl
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<td>09.00-09.10</td>
<td>Congress opening - Ludmilla Garmers, Congress president</td>
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<tr>
<td>Pieter van Foreestzaal</td>
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<td>09.10-09.20</td>
<td>Welcome to Alkmaar - TBA</td>
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<td><strong>Parallel session</strong></td>
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<td>Introduction</td>
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<td>Pieter van Foreestzaal</td>
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<td>09.40-09.50</td>
<td>Development of a PROficiency-based StePwise Endovascular Curricular Training (PROSPECT) program</td>
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<td>Pieter van Foreestzaal</td>
<td>Heidi Maertens (Ghent University Hospital)</td>
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<td>09.50-10.00</td>
<td>Validation of the Simbionix PROcedure Rehearsal Studio for patient-specific simulation</td>
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<td>Pieter van Foreestzaal</td>
<td>Juliette Velu (Medical Spectrum Twente)</td>
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<td>10.00-10.10</td>
<td>Learning in Urology: Designing Simulator Based Skills Training and Assessment</td>
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<td>Pieter van Foreestzaal</td>
<td>Irene Tjiam (Radboud UMC)</td>
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<td>Development of a wrist arthroscopy simulator</td>
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<td>10.20-10.30</td>
<td>The influence of various visual force feedback conditions on laparoscopic performance</td>
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<td>Daan Smit (LUMC/TU Delft)</td>
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10.30-10.40 Pieter van Foreestzaal
An experimental study on the cognitive and motivational effects of a serious game in comparison with simpler instructional formats
Mary Dankbaar (Erasmus MC)

10.40-10.50 Pieter van Foreestzaal
The effect of a serious game on the surgeon’s ability to solve problems in the OR
Maurits Graafland (Flevohospital)

10.50-11.00 Pieter van Foreestzaal
Q & A

Parallel session
09.30-11.00 Arlette Jacobszaal
Interactive Workshop ‘Performance feedback and debriefing in simulation environments’

11.00-11.30 Foyer
Coffee break, time to visit Expo

Main session
11.30-12.15 Pieter van Foreestzaal
Keynote 1 Nick Sevdalis “How does a dinosaur become a team player?”

12.15-12.30 Pieter van Foreestzaal
Ceremony Quality Label Serious Games

12.30-13.45 Foyer
Lunch, time to visit Expo

13.25-13.45 Pieter van Foreestzaal
DSSH Members meeting
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<td><strong>Keynote 2</strong> Marlies Schijven “Wearables@work!“</td>
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<td></td>
<td><strong>Innovative and practical abstracts</strong></td>
<td>Moderators Henk Schreuder and Alma Schaaftal</td>
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<td>14.00-14.10</td>
<td>Reperfused Thiel embalmed tissues: initial experience as a surgical training tool</td>
<td>Wouter Willaert (Ghent University Hospital)</td>
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<td>14.10-14.20</td>
<td>Development and implementation of a new virtual learning environment</td>
<td>Dirk Bakker (ACTA)</td>
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<td>14.20-14.30</td>
<td>The TOP-TURBT tool: An objective assessment tool measuring technical and non-technical proficiency in TURBT</td>
<td>Heleen de Vries (Catharina Hospital)</td>
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<td>14.30-14.40</td>
<td>Local EMS training partners in the chain of care within the ambulance region of Gelderland South</td>
<td>Peter van der Heijden (VRGZ)</td>
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<td>14.40-14.50</td>
<td>Serious Game Bloom, a multi professional game to improve patient-oriented care in the hospital</td>
<td>Marjolein Schouten (Jeroen Bosch Hospital)</td>
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<td>14.50-15.00</td>
<td>Leuven-Basic Laparoscopic Skills Evaluation (L-BLSE); a way to include skills in the selection process of General Surgery Residency?</td>
<td>Katrien Vandendriessche (KU Leuven)</td>
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<td>15.00-15.10</td>
<td>How to develop medical simulation for more than one discipline</td>
<td>Evert Hoogendoorn (ljsfontein)</td>
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<td>15.10-15.20</td>
<td>BlueTea’s Medical Bed Side Simulation</td>
<td>Ruud Dullens (BlueTea)</td>
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15.30-16.00  Coffee break, time to visit Expo
Foyer

Main session
16.00-16.45
Moderators: Pieter Borg, Ludmilla Garmers and Joya Smit
Keynote 3 Who Initiates the Implementation of Simulation in Healthcare?
View of Insurance: Mr. E. Kleijnenberg
View of Healthcare: Prof. dr. C. Kalkman (Patient Safety Centre UMC Utrecht)

16.45-17.00  Moderators: Ralf Krage and Esther Barsom
Pieter van Foreestzaal
Take home messages and price session

17.00-18.00  Closing drinks and visiting Expo
Foyer

Laerdal Award for best abstract presentation
Do you have the best abstract? From all participants that present a scientific or practical abstract, the best will be chosen to win this exciting award! Laerdal will sponsor a simulation course, run with Laerdal products, in one of the major simulations centers in The Netherlands. The course can be completely adapted to the winner’s interests and needs.
Speakers and moderators

**Bakker (Dirk), Dentist-teacher, ACTA, Simodont R&D**

Dirk Bakker (1960) graduated in 1985 as dentist at the Vrije Universiteit in Amsterdam. After a break in the ICT (including Cap Gemini and ING) Dirk works since 1999 three days a week in Alkmaar as general practitioner in private practice and two days a week as a dentist affiliated lecturer at the Academic Centre for Dentistry Amsterdam (ACTA). For 15 years he has been working with virtual reality applications in the (pre) clinical education. He is co-developer of the Moog Simodont Dental Trainer. He has developed several educational programs and teaches them in the first 4 years of the dental training.

**Barsom (Esther), Medical intern at the Academic Medical Center**

Esther Barsom is a board member of the Dutch Society for Simulation in Healthcare and is currently finishing her master degree in Medicine. With a focus on serious gaming and simulation, her aim is to get her PhD within this field. In particular, with a special interest in implementing validated tools in the surgical field.

**Borg (Pieter), MRCA, Anesthesiologist and director Simulation Center, Maastricht University Medical Center**

Pieter Borg spent 2 years as a tropical doctor in Central America before starting his anaesthetic training (partly UK, partly The Netherlands). He was involved in introducing Problem Based Learning and Simulation in the Dutch medical specialty anaesthesia curriculum. Currently he is Head of the Simulation Center and staff anaesthetist at the Maastricht Universitair Medisch Centrum (NL).

**Dankbaar (Mary), MSc., Programm manager e-learning Institute of Medical Education Research**

Mary Dankbaar has a background in educational psychology. She has developed and implemented a large number of online programs for companies and educational institutions. She has developed, in close cooperation with healthcare and game professionals, the award winning serious game abcdeSIM game for emergency care skills training and is currently working on her PhD thesis on the effectiveness of serious games in healthcare. From 2008-2013, she was the chairwomen of the e-learning working group of the NVMO and since 2012 she is a member of the scientific board of the DSSH.
Dullens (Ruud), CEO, BlueTea BV.

Ruud Dullens is CEO and founder of BlueTea BV. His interest for new technologies and innovation resulted in the company BlueTea. This organization brings business knowledge to life in virtual training simulations, serious games and gamification applications with the main goal to increase learn efficiency, bridge theory and practice and create more awareness. These training tools enables organizations to effectively develop, secure and transfer work- and company processes.

Garmers (Ludmilla), Anesthesiologist, Medisch Centrum Alkmaar

Studied criminal law and medicine in Amsterdam. During and after her anaesthetic training she worked as a HEMS-doctor in Amsterdam, with special interest in emergency medicine and crew resource management. Started ACLS- simulation training in MCA. Board member of DSSH and expert panel member of IMSH. For the past few years she was also working in health care management, with special interest in patient safety.

Graafland (Maurits), MD PhD, Surgeon, Flevohospital

Maurits Graafland is a surgical resident at the Flevoziekenhuis in Almere, The Netherlands. Recently, he has defended his PhD thesis “Serious Gaming in Surgical Education”, focused on development and validation of smart game-based solutions for training technical and non-technical skills relevant to (minimally-invasive) surgery. This has resulted on multiple publications on the subject.

Heijden van der (Peter), MANP Ambulance, RAV Gelderland Zuid

Master advanced Nurse practitioner at the regional ambulance services Gelderland-South and Helicopter crew member at several HEMS operations in the Netherlands. Peter van der Heijden practices in the field of pré-hospital care as an ambulance rapid responder and flight nurse at several HEMS operating base in the Netherlands. One of his professional competence and tasks is to organize and support innovative and targeted educational multidisciplinary training at a regional level. This multidisciplinary chain training within the EMS Gelderland South involves firefighters, midwives, ER doctors and nurses and soon general home doctors.
Speakers and moderators

Herzeele Van (Isabelle), Consultant Vascular Surgeon, Ghent University Hospital, Belgium

Isabelle Van Herzeele, MD, PhD, is a (endo)vascular surgeon who studied at the University of Ghent, and trained in general and vascular surgery at Ghent University Hospital, Belgium and improved her knowledge and skills at St. Mary’s Hospital, London, UK.

She received her PhD “Virtual Reality Endovascular Simulation: Ready for training?” in 2009 from University of Ghent (Promoter: Prof F Vermassen - Co-promoter: Prof NJW Cheshire). She is currently an Associate Professor at the Department of Thoracic and Vascular Surgery in Ghent University Hospital and has received a Senior Clinical Fellowship for five years by the Fund for Scientific Research, Flanders, Belgium to continue her research “Impact of structured, stepwise simulation-based training on technical and team skills during basic, advanced and complex endovascular procedures.” She is the drive behind EVEResT (European Virtual Reality Endovascular Research Team) to organize lunchtime symposia, workshops to provide training opportunities for any physician to learn how to manage ruptured aneurysms by endovascular means or to perform carotid artery stenting safely.

Hoogendoorn (Evert), Strategist, IJspaleis B.V.

Evert Hoogendoorn is a strategist and game designer at IJsfontein Interactive Media. IJsfontein develops serious games commissioned by several partners in Healthcare for therapy adherence, patient behavior change and the training and education of healthcare professionals.

Evert Hoogendoorn has been part of the game industry for over fifteen years and was co-founder of the first game design program in Europe at the Utrecht School of the Arts. With IJsfontein he develops games with a focus on education, communication and behavioral change. Since 2009 he has worked on many health-games for training professionals, treatment of patients and prevention, including abcdeSIM, which is the first accredited serious game for education of medical specialists in the Netherlands.
Kalkman (Cor), Prof. dr., Anestesiologist, UMC Utrecht

Prof. dr. Cor Kalkman (1954) is since 1999 Professor of Anaesthesiology at the University Medical Center Utrecht. He was a founding member - and until 2011 Chief of staff - of the Knowledge center patient safety of the UMC Utrecht. He was president of the national working group hospital mortality off the hospital domes NFU and NVZ.

Kleijnenberg (Erno), CEO & Chairman of the Board ONVZ Health Insurance

ONVZ Health Insurance is one of the nine health insurance companies in the Netherlands. With approximately 460.000 clients and with a turn-over of € 1 billion, ONVZ is considered as the best performing healthcare insurer. Erno Kleijnenberg has worked for more than 35 years in the insurance sector. For the last 9 years as CEO at ONVZ Health Insurance. He is a member of the Board of Healthcare Insurers Netherlands and Chairman of the Board of Care Purchase Association Multizorg VRZ.

Krage (Ralf), Anesthesiologist and president of SESAM, VU Medical Centre

Ralf Krage is an anesthesiologist. Since 2007 he works at the VU university medical center in Amsterdam, the Netherlands. His special interests focus on Human Factor issues. He has a record of numerous invited presentations on international conferences on Human- Factors, patient safety, simulation-based learning and airway management. He is currently president of SESAM (Society in Europe for Simulation Applied to Medicine) and vice-president of the DSSH (Dutch society for Simulation in Healthcare). For the International Meeting for Simulation in Healthcare (IMSH2013) he served as co-chair.

Luursema (Jan Maarten), PhD, researcher, Radboud UMC

Jan-Maarten Luursema is a researcher working at the Radboud umc in Nijmegen, where he is responsible for the development of laparoscopic simulation training. His research interests include the role of individual differences in skill development, evidence-based training, and the role of damage in surgical performance assessment. His background is variegated, including a doctorate in psychology and a degree in medical illustration. Time permitted, he enjoys performing music and scuba diving.
Speakers and moderators

Maertens (Heidi), Surgical trainee, Ghent University Hospital, Thoracic and vascular surgery, Belgium

Dr. Heidi Maertens is surgical trainee and research fellow at Ghent University Hospital in Belgium. She achieved her medical degree with high distinction in 2013 at the Faculty of Medicine, Ghent University, Belgium. After graduating she started her surgical education at Ghent University Hospital, combining clinical work and research in the context of a PhD project. Her research focuses on surgical education of endovascular interventions including simulation training. She recently presented her work at conferences in Stockholm and New York. Dr. Heidi Maertens resides in Ghent, Belgium.

Obdeijn (Miryam), MD, Plastic Surgeon, Academic Medical Center

Miryam Obdeijn studied Medicine at the University of Utrecht and started her training in General Surgery in the Rijnstate Hospital in Arnhem in 2000. After 3 years, she continued her training in Plastic Surgery at the University Hospital in Groningen. Since 2006 she is working as a Plastic Surgeon at the Academic Medical Center in Amsterdam, specializing in Hand and Wrist Surgery. At this moment she is finishing her thesis on the Education of Wrist Arthroscopy. Miryam Obdeijn is the Secretary General of the Dutch Society for Surgery of the Hand.

Schaafstal (Alma), PhD, Senior lecturer in serious gaming, University of Applied Sciences Windesheim

Alma Schaafstal studied Psychology and Philosophy at the Groningen University and Manchester University (UK). After her graduation and one year as a visiting scientist at Carnegie-Mellon University (Pittsburgh, PA, USA), she joined TNO. With a focus on training and education, followed by a fascination for games and gaming. During that period she did many projects in many roles: as a researcher, project manager, account manager, as department head, including as Director of the Center for Advanced Gaming and Simulation and GATE. She worked as Director of the Taskforce Innovation Utrecht Region. Since 2012 she works as a senior lecturer in Serious Gaming at the University of Applied Sciences Windesheim and is Manager of the ICT training. Within the DSSH she responsible for the committee for Serious Gaming.
Schijven (Marlies), MD PhD, Surgeon, Academic Medical Center

Academic Medical Center of Amsterdam, the Netherlands Past-President of the Dutch Society for Simulation in Healthcare. Prof. dr. Marlies P. Schijven researches the field of mHealth, Simulation and Serious Gaming. On the 28th of October 2013; she was the first surgeon livestreaming an abdominal operation to YouTube using GoogleGlass. Prof. dr. Schijven publishes on the area of surgery, mhealth, medical education and simulation technology. She is an expert in the area of medical simulation validation studies and -processes. She is the inventor of the Hospitality App.

Schouten (Marjolein), Manager, Jeroen Bosch Hospital

Drs. Marjolein Schouten started her professional career around 1980 at the University Hospital in Utrecht as nurse-anesthetist. Shortly thereafter she accepted a position as educator for health care professionals. After finishing her masterdegree in Education and Health Sciences (University of Maastricht), she worked in various hospitals as a senior policy advisor and manager. As a member of the Working Group on Quality Indicators CBOG she contributed to the realization of the set of quality indicators for vocational training and registration of medical specialists. She has served on the exploratory committee HBO Health Care (2013) and is currently part of the Concilium for Hospital Medicine, a new professional role for physicians. In everyday life she is as managing director responsible for the activities of the Jeroen Bosch Academy, the teaching department of the Jeroen Bosch Hospital in North East Brabant.

Schreuder (Henk), MD PhD, Gynaecologic oncologist, University Medical Center Utrecht

In 2003 he completed his OB/GYN training in Utrecht. He worked as a fellow at the Department of Gynaecologic Oncology in the Mercy Hospital for Women, Melbourne, Australia. Currently he is working as gynaecologic oncologist, Department of gynecological oncology, UMC Utrecht. Next to his clinical work, he is board member of the Dutch Society for Simulation In Healthcare (DSSH) and board member of the Dutch postgraduate education committee for Obstetrics and Gynecology (CCO). His interest in minimally invasive surgery and teaching were combined in the completion of this thesis in 2011 ‘Advances in Training for Laparoscopic and Robotic Surgery’. In 2012 he became Associate Professor in Medical Education at the University of Utrecht.
Speakers and moderators

Sevdalis (Nick), Professor of Implementation Science & Patient Safety, King’s College London, Health Service & Population Research Department, UK

Nick Sevdalis is a Professor of Implementation Science and Patient Safety and Associate Director of the Centre for Implementation Science in the Institute of Psychiatry, Psychology and Neuroscience of King’s College London. Nick is also the Editor-in-Chief of the BMJ Simulation & Technology Enhanced Learning journal and an Associate Editor of Implementation Science. His research focuses on patient safety in hospital-based surgical and medical care, as well as implementation of evidence-based quality and safety improvement interventions, including checklists, team briefs/debriefs, and simulation-based training. Nick’s research has been disseminated in over 200 peer-reviewed publications and over 60 invited lectures to date.

Smit (Daan), LUMC/Delft University of Technology

Daan Smit was born on the 4th of August 1989 in De Zilk located in ‘de Bollenstreek’. In 2008 he started studying Psychology at the Universiteit Leiden and moved to Leiden. He was an active member of a student association until he completed his bachelor in 2012. During his study he became fascinated by cognitive ergonomics, the interaction between people and systems and the mental processes that affect this interplay. This resulted in the specialization Applied Cognitive Psychology which he completed recently. His master thesis focused on optimizing laparoscopic surgery training and assessment by means of real-time visual force feedback.

Smit (Joya), MSc, Teacher & Researcher of Research Group Nursing Diagnostics School of Nursing Hanze University of Applied Sciences

Twenty years experience in managing and developing national and international competence based training programs for healthcare personal with a focus on simulation training. Her focus nowadays is on research related to the training of nurses.
Tjiam (Irene), AIOS (Medical resident), Radboud UMC, Urology

After finishing medical school Irene Tjiam started working as a resident in urology not in training (ANIOS) and as PhD candidate on the project “Training in Urology” at the Catharina Hospital in Eindhoven, the Netherlands. During her research period she implemented the program for laparoscopic urological skills in the Netherlands and the European basic laparoscopic urological skills assessment for urological residents in training. In September 2014 she defended her thesis “Learning in Urology: Designing simulator based skills training and assessment”. Currently she works as a resident in training at the urology department of the Radboud University Medical Centre in Nijmegen.

Tuijthof (Gabrielle), Ir. PhD, Ass Prof, Department of BioMechanical Engineering, Delft University of Technology

I am passionate about the human body; especially the musculoskeletal structures have my interest. I became involved in the field of minimally invasive surgery and interventions in orthopaedics (arthroscopy). Performing treatment through minimal access sites is beneficial for patients, but demands challenging surgical skills and enhanced diagnostic tools. In addition to the development of new surgical instruments to optimize orthopaedic healthcare, I also focus on optimization of skills training by the development of training environments that objectively can tracking performance and training progress.

Vandendriessche (Katrien), KU Leuven, Belgium

Katrien Vandendriessche is a senior year medical student at the Catholic University of Leuven (KU Leuven) in Belgium. She has been accepted to enter the General Surgery specialization program in Belgium as of August 2015. Together with Prof. dr. Marc Miserez, Ann Lissens and Jelle Lubach, she has been working on the L-BLSE (Leuven Basic Laparoscopic Skills Evaluation).
Speakers and moderators

Velu (Juliette), Medical Spectrum Twente

After high school, she started studying Technical Medicine at the University of Twente in 2008. She finished her six-year study in October 2014 with a graduation project at the vascular surgery. During her graduation, she worked with vascular surgeons and interventional radiologists from Medical Spectrum Twente and St. Antonius hospital. Since February this year, she works as a PhD candidate at the cardiology department at the Academic Medical Center in Amsterdam.

Vries de (Heleen), MD, Resident / PhD-candidate, Catharina Hospital, Urology

Heleen de Vries started her medical school at the State University of Groningen in 2004. After obtaining her medical degree in 2011 she began her medical career as a resident not in training (ANIOS) at the Department of Urology, Spaarne hospital in Hoofddorp. In October 2012 she initiated her PhD-project at the national projectgroup ‘Training in Urology’. Her PhD-project aims to evaluate the implementation of a structured practical skills training program in urological residency and to develop and validate procedural (technical and non-technical) skills assessment tools.

Willaert (Wouter), MD, gastrointestinal surgeon, Ghent University Hospital, Belgium

Wouter Willaert obtained his degree as a Medical Doctor at the University of Ghent, Belgium, in 2004. After 6 years of surgical training, he graduated as a general surgeon. Because of a growing interest in the abdominal pathophysiology he then started an advanced training in gastrointestinal surgery at the Ghent University Hospital. In October 2010, he initiated a translational research project about pump-driven revascularization of Thiel embalmed human cadavers. This project mimics lifelike surgery and may enhance the quality of surgical training. His clinical work is mainly focused on debulking surgery combined with intraperitoneal chemotherapy for peritoneal carcinomatosis.
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Parallel session
There is one parallel session in the morning. The room for the parallel session is Arlette Jacobszaal.
Medisch Centrum Alkmaar
Medisch Centrum Alkmaar (MCA) is a top clinical hospital providing highly specialized medical care. MCA is the largest hospital in the region Noord-Holland-Noord (Northern North Holland, NHN). We are primarily focused on the region with a population of more than 600,000 people.

MCA Gemini Groep
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We are connected with the association of tertiary medical teaching hospitals (STZ). STZ hospitals work together with other care providers in the region. The level of care given lies between an university medical centre and a general hospital. There are 28 STZ hospitals in the Netherlands.

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Registration: DSSH membership is not required to register. Only DSSH members who have paid their DSSH membership dues are eligible for registering at member rates for the Congress. You may register online* for the Congress via: http://www.dssh.nl/en/dssh-congress-2015

The Congress registration desk will be open 18th of March 2015 at 08:30 CET+1 for on-site registration and Congress badge pick-up.

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