



**KTH Technology
and Health**

1st Nordic Patient Safety conference

May 20th – May 21st 2010

Stockholm Sweden

Patient Safety Challenges



Patient Safety Challenges is the theme for this Nordic Conference arranged by KTH. The aim of the conference is to inspire safety work within the health-care sector by presenting current safety research from a systems perspective. Exchange of information on patient safety issues, is another important aim of the conference.

May 19th, 2010

19.00 Welcome reception

at the Beach House, Vår Gård.

www.npsc.se

Program May 20th, 2010



Conference chairman and moderator, Bertil Guve

Current Safety Challenges

09.00 Opening of the Conference

Li Felländer-Tsai

09.05 Introduction to the Conference

Bertil Guve

09.20 The Deconstruction of Patient Safety and the Way Ahead

Erik Hollnagel

10.30-11:00 *Coffee*

11:00 The Complexity of the Health Care System

Richard Cook

12.15 Safety in Health Care - How to Govern in Different Organisations

Catarina Andersson-Forsman

12.30-13:45 *Lunch*

13.45 Safety at the Sharp End: the Role of Non-Technical Skills

Rhona Flin

14.45 – 15.45 Safety Culture and Accountability

Sidney Dekker, Special guest; Julie Thao

16.00 Information about Posters

Bertil Guve

16.05 – 16.45 *Poster session and coffee*

16.45 – 17.00 Evidence is Not Enough. Establishing a Center for Advanced Simulation and Training

Li Felländer-Tsai

17.00 – 17.45 The need for a new approach – debate

18.30 Social event and dinner

Dinner speech; **After harm – Medical Error and the Ethics of Forgiveness**

Nancy Berlinger



Nancy Berlinger



Li Felländer-Tsai



Erik Hollnagel



Rickard Cook



*Catarina
Andersson-Forsman*



Rhona Flin



Sidney Dekker

Program May 21st, 2010

Current Situation and Visions for Patient Safety

8.30 Patient Safety at the National Level in the Nordic Countries

Denmark; *Beth Lilja*, Norway; *Øystein Flesland*, Finland; *Amos Pasternack*, Sweden; *Tobias Nilsson*

09.40 Experience from the Danish Confidential and Non Punitive Adverse Event Reporting System *Henning Boje Andersen*

10.05 Information about Posters *Bertil Guve*

10.15 – 11.15 Poster Session and Coffee

11.15 Traces for Health Care: Training for Adverse and Critical Events in Safety in Health Care *Karen Cardiff*

11.30 Patient Safety in Danish Cancer Care *Henriette Lipczak*

11:45 Responsibility Development – An Initiative to Establish a Responsible System *Elfrid Måløy*

12.00 Simulation as an Educational Method to Promote Teamwork Skills in a Three-Year Nursing Education Programme *Sissel Eikeland Husebø*

12.15 Quality and Safety in European Union Hospitals *Boel Andersson –Gäre*

12.30-14:00 *Lunch*

14.00 Safe delivery – A Swedish Health System Intervention *Charlotta Grunewald*

14.15 The Nordic Research Network – Ambitions and Intent *Isis Amer-Wäblin*

14.30 Focus and Intent Regarding Patient Safety in the Nordic Countries - Recommendation from The Key Note Speakers *Richard Cook, Erik Hollnagel, Rhona Flin, Sidney Dekker*

14.50 – 15.00 Concluding remarks and Next Conference *Irene Tael*

15.00 *End of Conference, Coffee*



Beth Lilja



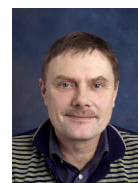
Øystein Flesland



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Speakers in alphabetical order:

Amos Pasternack, MD, PhD professor emeritus of internal medicine University of Tampere Chairman of the Finnish Society for Patient Safety.

Bertil Guve, PhD, Director, The Center for Technology in Medicine and Health, CTMH (KTH, KI, Stockholm County Council), Stockholm Sweden. bertil.guve@sth.kth.se

Beth Lilja, MD, Head of the Danish Society for Patient Safety and the Unit for Patient Safety at the Copenhagen Hospital Corporation, Denmark. beth.lilja@regionh.dk

Boel Andersson-Gäre, Head of Futurum, Landstinget i Jönköpings län och professor, The Jönköping Academy for Improvement of Health and Welfare, Jönköping University. boel.andersson-gare@lj.se

Catarina Andersson Forsman, MD, PhD, Assoc professor Director of healthcare, Stockholm County Councils, Healthcare Administration. catarina.andersson-forsman@sll.se

Charlotta Grunewald, MD, PhD, Associate Professor, Department of Obstetrics and Gynaecology (Södersjukhuset), Stockholm, Sweden. charlotta.grunewald@sodersjukhuset.se

Erik Hollnagel, Professor, MINES ParisTech - Centre for Research on Risks and Safety (CRC) Sophia Antipolis Cedex, France. erik.hollnagel@gmail.com

Elfrid Måløy, Assistant professor, Høgskolelektor, Høgskolen i Molde, Norway. Elfrid.Maloy@hiMolde.no

Henning Boje Andersen, Senior scientist Technical University of Denmark Copenhagen, Denmark. boje@man.dtu.dk

Henriette Lipczak, MD, Danish Cancer Society, Copenhagen, Denmark. hlz@cancer.dk

Isis Amer-Wählin, MD, PhD, Researcher, KTH, School of Technology and Health, Stockholm, Sweden. isis.amer-wahlin@sth.kth.se

Julie Thao, RN, Wisconsin, USA.

Karen Cardiff, Researcher, School of Population and Public Health, University of BC, Vancouver, Canada. kcardiff@interchange.ubc.ca

Li Felländer-Tsai, Professor and Senior Consultant in Orthopedic Surgery, Karolinska Institutet. Member of the Board, School of Technology and Health, Royal Institute of Technology. Director of the Center for Advanced Medical Simulation and Training (CAMST) Karolinska University Hospital. li.tsai@cfss.ki.se

Nancy Berlinger, Deputy Director and Research Scholar at The Hastings Center, Garrison, NY, USA. berlingern@thehastingscenter.org

Rhona Flin, Professor of Applied Psychology and Director of the Industrial Psychology Research Centre at the University of Aberdeen, UK. r.flin@abdn.ac.uk

Richard Cook, MD, Associate professor, Director, Cognitive technologies Laboratory, University of Chicago, USA. ri-cook@uchicago.edu

Sidney Dekker, Professor of Human Factors and Systems Safety, Director of Research at the Center for Complexity and Systems Thinking, Lund University, Sweden. Sidney.Dekker@tfhs.lu.se

Sissel Eikeland Husebø, PhD-student, Institute of Health Sciences University of Stavanger, Norway. sissel.i.husebo@uis.no

Tobias Nilsson, Political adviser to Göran Hägglund, the Minister for Health and Social Affairs, Stockholm, Sweden. tobias.d.nilsson@social.ministry.se

Øystein Flesland; The first Head of the National Unit for Patient Safety at Norwegian Knowledge Centre for the Health Services. Oslo, Norway. Oystein.Flesland@kunnskapsenteret.no

Conference Program Committee:

Synnöve Ödegård, RN, Dr PH, Researcher, KTH, School of Technology and Health, Stockholm, Sweden. Synnove.odegard@sth.kth.se

Irene Tael, Researcher, KTH, School of Technology and Health, Stockholm, Sweden. Irene.Tael@sth.kth.se

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Posters Presentations, May 20th

Terassen

Achieving safe patient transition: recognizing the complexity. Marlene Dyrlov Madsen Ph.D., Researcher, Dansk Institut for Medicinsk Simulation, Herlev, Denmark. madyma01@heh.regionh.dk

Improving Drug Prescription and Administration Safety - a Breakthrough Project. Eva Liljestam, Manager of Nursing Development, Center of Intensive Care, Karolinska Universitetssjukhuset Solna. eva.liljestam@karolinska.se

Clinical Skills Center – Providing Competency and Patient Safety Italo Masiello, Ph.D., Assistant Professor, Department of Learning, Informatics, Management and Ethics Karolinska Institutet, Stockholm. italo.masiello@ki.se

Exploring the knowledge and system that frames safe work practices – An ethnographic case study approach within multidisciplinary healthcare teams” Sindre Høyland, Ph D student, University of Stavanger, Norway. sindre.hoyland@uis.no

Elldin-salen

Automated Adverse Event Monitoring - promote safety and quality in healthcare. Ann-Britt Bolin Wiechel, CEO County Council Stockholm, ann-britt.bolin@karolinska.se

Evaluation of voluntary reports and triggers regarding adverse drug events over time from a Childrens Hospital in Stockholm Sweden Per Nydert, Neonatal Unit H10:2, Childrens Hospital Karolinska University Hospital. Stockholm. per.nydert@karolinska.se

von Kock-salen

Design and engineering of new simulators for risk free surgery training. Jonas Forsslund, KTH Human-Computer Interaction, School of Computer Science and Communications, Stockholm, Sweden. jof02@kth.se

Image enhancement combined with reduction of X-ray dose during PCI-operations Hamed Muhammed, KTH, School of technology and health, Stockholm Sweden. hamed@sth.kth.se

POSSUM Pre-Operative Riskassessment of Patients for Managing Treatment, Length of Stay and Critical Care. Wilhelmina Ekström, MD, PhD, Karolinska University Hospital and Karolinska Institute, Department of Orthopedics, Stockholm, Sweden. wilhelmina.ekstrom@karolinska.se

Quality & Patient Safety Dialogue - Evaluation of a Swedish Patient Safety Culture Intervention Hans Rutberg MD, PhD.Chief Medical Officer University Hospital Linköping, Sweden. Hans.Rutberg@lio.se

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Certification and Accreditation in the Specialist Health Service; a contribution to better Risk Governance? - A perspective on the legitimacy. Dag Tomas Sagen Johannesen, PhD-student in Risk Management and Societal Safety, Faculty of Social Sciences. University of Stavanger, Norway. dag.t.johannesen@uis.no

Organizational Coordination in Escalating Situations in the obstetrics setting; Johan Bergström, Center for Complexity Studies. Lund University. johan.bergstrom@brand.lth.se

Improving skills in dosage calculation Birgitta Dahl, Arcada University of Applied Sciences, Helsingfors, Finland. birgitta.dahl@arcada.fi

Patient Safety in Undergraduate Curricula – an Essential Challenge, and Opportunity for Interprofessional Collaboration. Tomas Kirkhorn, Ph.D., Assoc. Prof. Dept. of Biomedical Engineering, Faculty of Medicine, Lund University tomas.kirkhorn@med.lu.se

von Kock-salen

How to change adverse event reporting to risk management practise; one example from the nephrology unit in Tampere University Hospital Ritva Inkinen, project manager (patient safety) Tampere University Hospital, Finland. ritva.inkinen@pshp.fi

Training teamwork and communication for patient safety: In-situ CRM training in the emergency department with professional trainers using a high fidelity human patient simulator. Mats Hedskold B Sc in Nursing. Certified Instructor, Advanced Patient Simulation., Karolinska University Hospital and Karolinska Institutet Stockholm, Sweden. mats.hedskold@ki.se

Training patient safety in digital natives- Retention after CPR training with avatars in Virtual Worlds. Johan Creutzfeldt CLINTEC and Center for Advanced Medical Simulation, Karolinska Institutet, Stockholm Sweden. johan.creutzfeldt@karolinska.se

Visual-spatial ability correlates with performance in simulated gynecological laparoscopy. Liv Ahlborg, MD. Division of Obstetrics and Gynecology, Södertälje hospital. Sweden. liv.ahlborg@sodertaljesjukhus.se

Note, that the Poster Abstracts include all researchers and research organizations.

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Conference background

Rapid technological development, and changes in the health-care organizations under economical pressure, creates new risks in the medical sector. These risks need to be handled at all levels of the health-care system. Therefore, this conference is geared towards politicians and decision makers within the health-care sector, as well as representatives from academia in the Nordic Region.

Leading and internationally renowned researchers, with experience from the health-care sector and other areas with high safety demands, have therefore been asked to present important prerequisites for patient safety.

Romeo & Julia Choir

Born of the stage, the Romeo & Julia Choir honours a musical storytelling tradition. The ensemble, consisting of some fifteen singers and one instrumentalist, sings and emotes, making performances visual as well as a musical experience.



Vår Gård in Saltsjöbaden

The choice of place for the conference is perfect for socializing and networking. Vår gård has a great collection of art to be enjoyed during the stay.

Conference Program Committee:



Synnöve Ödegård



Irene Tael