

Gullfoss Room (A)**Geysir Room (B)****Hekla Room (F&G)****8.15-10.15 Symposium
Cardiac protection.**

Chairmen: Lars Algotsson Sweden & Kari Hreinsson, Iceland.

8.15-8.25 Introduction.

Lars Algotsson, Sweden.

8.25-8.55 Haemodynamic management in high-risk patients; what is the role of anesthetics?

Patrick Wouters, Belgium.

8.55-9.25 Cardiac safety of anesthetics; cardioprotection and preservation of cardiac function.

Wolfgang Schlack, Germany.

9.25-9.55 Organ protective strategies; do they have pharmaco-economic implications?

Stefan De Hert, Belgium.

9.55-10.15 Roundtable discussion.**10.15-10.45 Coffee/Exhibition****10.45-12.00 Best Free Paper Session III
Intensive care outcome.**

Chairmen: Sten Lindahl, Sweden & Lars Bjertnaes, Norway.

10.45-11.00 Prevalence of signs of critical conditions and emergency responses in hospital wards - the Soccer Study.

Theresa Jacques, Australia.

11.00-11.15 Is risk adjustment for old age adequate in the APACHE II system?

Sten Walther, Sweden

11.15-11.30 Correlation between cortisol response in the short Synacthen test and survival after admission to intensive care.

John Dolan, Scotland, UK.

11.30-11.45 Continuous EEG predicts neurological outcome after cardiac arrest and induced hypothermia.

Malin Rundgren, Sweden.

11.45-12.00 Observational study on the incidence of low central venous oxygen saturation in emergency admissions in a multidisciplinary ICU.

Hendrik Bracht, Switzerland.

**8.15-10.45 Symposium
Infusion fluid strategies.**

Chairmen: Hans Hjelmqvist Sweden & Sigurbergur Karason, Iceland.

8.15-8.45 How volume kinetics work.

Robert Hahn, Sweden.

8.45-9.15 Outcome studies in fluid therapy.

Brigitte Brandstrup, Denmark.

9.15-9.40 Coffee/Exhibition**9.40-10.10 Prehospital resuscitation and hypertonic fluids.**

Christer Svensen, USA.

10.10-10.40 Artificial blood, current perspectives.

Dan Drobin, Sweden.

**10.45-12.00 Best Free Paper Session IV
Monitoring of fluid status.
Neuro-ICU outcome.**

Chairmen: Sven Erik Gisvold, Norway & Leena Lindgren, Finland.

10.45-11.00 Right-ventricular end-diastolic volume and ejection fraction in the assessment of fluid response in early septic shock.

Stephan Jakob, Switzerland.

11.00-11.15 Effect of mechanical ventilation on inferior vena cava diameter in paediatric patients.

Andreas Liliequist, Sweden.

11.15-11.30 A new kinetic approach for estimating extravascular retention ("third spacing") of crystalloid fluid during surgery and anaesthesia.

Carl-Arne Ewaldsson, Sweden.

11.30-11.45 C-Reactive Protein is an independent prognostic factor of outcome after subarachnoid haemorrhage.

Ludvig Csajbok, Sweden.

11.45-12.00 Initial High Levels of TAU in ventricular cerebrospinal fluid correlate to one-year outcome after severe traumatic brain injury.

Martin Ost, Sweden.

**8.15-9.45 Symposium
Epidural analgesia.**

Chairmen: Mads Werner, Sweden & Gisli Vigfusson, Iceland.

8.15-8.45 The role of epidural anaesthesia in rehabilitation after major surgery.

Hugo Van Aken, Germany.

8.45-9.15 Cost-effectiveness of epidural analgesia for postoperative pain relief.

Narinder Rawal, Sweden.

9.15-9.45 Enhancement of epidural analgesia by adjuvants in local anaesthetic solutions.

Per Rosenberg, Finland.

9.45-10.15 Coffee/Exhibition**10.15-10.45 Technical problems and how to solve them.**

Eija Nilsson, Finland.

10.45-11.15 Epidurals and thromboprophylaxis.

Markku Salmenpera, Finland.

**11.20-12.00 Plenary Lecture
Chairman: Hildur Tomasdottir, Iceland.****Perioperative and ICU genomics – a new era.**

Douglas Coursin, USA.

Katla Room (D)**8.15-8.55 Plenary Lecture**

Chairman: Leena Lindgren, Finland.

Friends or foes – are general anaesthetic drugs linked to long-term toxicity?

Michael Perouansky, USA.

9.00-9.30 Plenary Lecture

Chairman: Michael Seltz-Kristensen, Denmark.

Anaesthesia for laser surgery of the aerodigestive tract.

Thomas Crozier, Germany.

9.35-10.15 Plenary Lecture

Chairman: Olafur Z Olafsson, Iceland.

Mechanisms of general anaesthesia – current state and perspectives.

Michael Perouansky, USA.

10.15-10.45 Coffee/Exhibition

**10.50-12.00 Free Paper Session
Cardiopulmonary resuscitation.**

Chairmen: Felix Valsson, Iceland & Hans Friberg, Sweden.

10.50-11.00 Outcome after cardiac arrest and induced hypothermia.
Niklas Nielsen, Sweden.

11.00-11.10 The Northern Hypothermia Registry.
Niklas Nielsen, Sweden.

11.10-11.20 Somatosensory and brainstem auditory evoked potentials in cardiac arrest patients treated with therapeutic hypothermia.

Olli Takkinen, Finland.

11.20-11.30 Do patients with documented clinically abnormal observations prior to in-hospital cardiac arrest have a worse outcome than those without.

11.30-11.40 Teaching CPR to laypersons in 24 minutes using the MiniAnne resuscitation-manikin.
Dan Lou Isbye, Denmark.

11.40-11.50 Methylene blue added to a hypertonic-hyperoncotic solution increases survival in experimental cardiac arrest.

Adriana Miculescu, Sweden.

11.50-12.00 Concentration of N-terminal natriuretic propeptide type B in patients after cardiac arrest.

Anna Sambroska-Sablik, Poland.

Esja Room (E)**8.15-12.00 Workshop**

(Limited to 35 participants - free of charge but registration required - opens at 13.00 hours on Thursday, June 30th at the Congress Secretariat Desk).

Ultrasound guided vascular access in adults.

NavParkash Sandhu, USA
Levon M Capan, USA.

Includes:

Ultrasound guided central venous lines (internal jugular, axillary, subclavian), arterial lines (radial, femoral, axillary) and peripheral lines.

Askja Room (K)**8.15-9.55 Free Paper Session****Monitoring.**

Chairmen: Preben Berthelsen, Denmark & Rolf Sandin, Sweden.

8.15-8.25 Long-term subjective and objective impact of BIS monitoring on the conduction of relaxant sevoflurane-N2O anaesthesia. Maj-Lis Lindholm, Sweden.

8.25-8.35 EEG spectral entropy RE-SE-difference during induction phase and skin incision in propofol or sevoflurane anaesthesia. Antti Aho, Finland.

8.35-8.45 Wedging the Swan-Ganz; risk of perforation and changes in left atrial and pulmonary artery pressure.
Goran Settergen, Sweden.

8.45-8.55 Extravascular lung water after pneumonectomy. A pilot study. Vsevolod Kuskov, Norway.

8.55-9.05 Trans-pharyngeal ultrasound guided internal jugular vein cannulation. Carlo Sorbara, Italy.

9.05-9.15 Detection of breath by photoplethysmography is independent of age and sex. Lena Nilsson, Sweden.

9.15-9.25 Time relation between respiratory signals can be analysed by automated algorithms.
Lena Nilsson, Sweden.

9.25-9.35 Photoplethysmography for central and obstructive apnoea detection. Tomas Goscinski, Sweden.

9.35-9.45 The difference between PaCO₂ and ETCO₂ in laparoscopy assisted vaginal hysterectomy - comparing the thin and obese woman. Lee Kyung Yoon, South Korea.

9.45-9.55 Persisting influence on respiratory and central circulatory variables after a single intravenous dose of CO₂ in pigs. Diddi Fors, Sweden.

9.55-10.25 Coffee/Exhibition**10.25-11.45 Free Paper Session****Blood transfusion, bleeding and fluids.**

Chairmen: Lars Leksell, Sweden & Mogens Kroigaard, Denmark.

10.25-10.35 Blood transfusion management in critically ill patients: Have we met best practice goals?
Elisabete Maria Neutel, Portugal.

10.35-10.45 Optimising efficacy of preoperative autologous blood donation by adapting it to the physiological principles of erythropoiesis. Guenter Singbartl, Germany.

10.45-10.55 Preoperative autologous deposit vs. perioperative blood salvage: Mathematical analysis of original patients data referring to efficacy.
Guenter Singbartl, Germany.

10.55-11.05 Extreme acute normovolaemic haemodilution-better than nothing, even with a normal minimal haematocrit level? Guenter Singartl, Germany.

11.05-11.15 Placenta percreta with bladder involvement and profound haemorrhage: Two case reports.
Constantine Katsanoulas, Greece.

11.15-11.25 Infusion of hypertonic saline before elective laparotomy. Effects on cytokines and hormones.
Jens Aage Kolsen-Petersen, Denmark.

11.25-11.35 Hypertonic saline infusion does not change neutrophil oxidative burst or expression of endothelial adhesion molecules after surgery.
Jens Aage Kolsen-Petersen, Denmark.

11.35-11.45 HES 130/0.42/6:1 increases blood volume to the same extent but disappears faster from the circulation than HES 130/0.4/9:1. Gunther Lehmann, Germany.

Gullfoss Room (A)**Geysir Room (B)****Hekla Room (F&G)****12.10-13.20 Industrial Lunch Session - Novo Nordisk: A clinical update on NoveSeven®.**

Chairman Felix Valsson, Iceland.

12.15-12.30 Trauma-associated coagulopathy and the mode of action of rFVIIa.

Sibylle Kozek-Langenecker, Austria.

12.30-13.15 Efficacy and safety of rFVIIa in the light of recent clinical trials.

Rolf Rossaint, Germany.

13.30-14.30 Honorary Lectures

Chairmen: Gisli H Sigurdsson, Iceland & Alma D Moller, Iceland.

13.30-14.00 What has changed in my ICU in the last 25 years?

Thorsteinn Sv Stefansson, Iceland.

14.00-14.30 Organizing academic medicine.

Sten Lindahl, Sweden.

14.30-15.00 Coffee/Exhibition**15.00-17.00 Symposium Evidence based anaesthesia and intensive care.**

Chairmen: Mogens K Skadborg, Denmark & Kari Korttila, Finland.

15.00-15.30 EBM. Do we need to care?

Ann Moller, Denmark.

15.30-16.00 What will help clinicians, meta-analysis or large RCT's?

Kari Korttila, Finland.

16.00-16.30 EBM in intensive care. Has it improved our practice?

Hugo Van Aken, Germany.

16.30-17.00 EBM in anaesthesia: Has it improved our practice?

Ann Moller, Denmark.

12.10-13.20 Industrial Lunch Session - Linde Gas Therapeutics Critical gases in critical care/anaesthesia.

Chairman: Sveinn Geir Einarsson, Iceland.

12.15-12.35 Critical gases in a historical perspective.

Ola Stenqvist, Sweden.

12.35-12.55 Oxygen/NO, current use and challenges.

Filip Freden, Sweden.

12.55-13.15 N₂O/Xenon, old friends, new fellows.

Jorg Weimann, Germany.

13.30-16.30 Symposium Therapeutic hypothermia.

Chairmen: Tom Silfvast, Finland & Felix Valsson, Iceland

13.30-14.00 Mechanisms by which hypothermia works.

Kees Polderman, The Netherlands.

14.00-14.20 Different methods of inducing hypothermia.

Kees Polderman, The Netherlands.

14.20-14.40 A no-cost and low-tech approach to therapeutic hypothermia in post-resuscitation intensive care.

Michael Busch, Norway.

14.40-15.10 Coffee/Exhibition**15.10-15.40 Potential problems and complications of hypothermia and treatment.**

Sten Rubertsson, Sweden.

15.40-16.10 The Northern Hypothermia Network. The Swedish experience.

Hans Friberg, Sweden.

16.10-16.30 When should we use therapeutic hypothermia ?

Panel discussion with participation from the auditorium.

12-13.30 Lunch**13.30-15.00 Symposium Do we need continuous professional development ?**

Chairmen: Eldar Soreide, Norway & Doris Ostergaard, Denmark.

13.30-14.00 Who should decide on our continuous professional development: the authorities, the chief, the patient or yourself?

Doris Ostergaard, Denmark.

14.00-14.30 How to maintain and evaluate competence?

Charlotte Ringsted, Denmark.

14.30-15.00 Should recertification affect our work and salaries? Pros and cons of recertification.

Hugo Van Aken, Germany

15.00-15.30 Coffee/Exhibition**15.30-17.00 Symposium Neuroanaesthesia.**

Chairmen: Tarja Randell, Finland & Niels Juul, Denmark.

15.30-16.00 Anaesthesia for craniotomy: iv or inhalational?

Christian Werner, Germany.

16.00-16.30 Anaesthesia for endovascular repair of cerebral aneurysms.

Thomas Crozier, Germany.

16.30-17.00 Resource use after subarachnoid haemorrhage: endovascular or surgical treatment?

Minna Niskanen, Finland.

17.00 – 18.30

SSAI
General Assembly

Katla Room (D)**Esja Room (E)****Askja Room (K)****12.00-13.00 Lunch****12.00-13.30 Lunch****11.35-13.30 Lunch****13.00-17.00 Symposium and Workshop****Airway management, K Storz.**

(limited to 40 participants - free of charge but registration required - opens at 13.00 hours on Thursday, June 30th at the Congress Secretariat Desk).

13.30-14.40 Free Paper Session Aspects of general anaesthesia.

Chairmen: Bengt Husum, Denmark & Oddur Fjalldal, Iceland

13.30-13.40 Anaesthesia in very old emergency surgery patients. Nina Kontinen, Finland.**13.40-13.50 Perioperative cortisol secretion is related to postoperative cognitive dysfunction.** Hanne Abildstrom, Denmark.**13.50-14.00 Knowledge of and experience with difficult airway management among Danish nurse anaesthetists.**

Michael Friis Tvede, Denmark.

14.00-14.10 Causes of case cancellations on day of surgery: A system problem.

Andreas Seim, Norway.

14.10-14.20 An evaluation of cancellations in two independent surgery departments at the LSH University Hospital. Oddur Fjalldal, Iceland.**14.20-14.30. The intra-operative use of a novel warm-air mattress for surgery in the lithotomy position.** Per Gannedahl, Sweden.**14.30-14.40 Efficiency of perioperative Forced Warm Air depending on duration of surgery.**

Ole Naesh, New Zealand.

13.30-14.30 Workshop

(limited to 15 participants - free of charge but registration required - opens at 13.00 hours on Thursday, June 30th at the Congress Secretariat Desk).

Ultrasound guided peripheral nerve blocks in children.

Lynn M. Broadman, USA (with Rebecca Broadman (age 8) and Joshua Broadman (age 6)).

14.40-15.40 Free Paper Session Cardiac anaesthesia.

Chairmen: Hjortur Sigurdsson, Iceland & Kari Hreinsson, Iceland.

14.40-14.50 Outcome and functional autonomy and quality of life of elderly patients undergoing cardiac surgery.

Carlo Sorbara, Italy.

14.50-15.00 Exercise testing indicates reduced ability to increase oxygen delivery on the first morning after coronary artery bypass surgery.

Eirik Skogvoll, Norway.

15.00-15.10 Non invasive echocardiographic assessment of right atrial pressure in anaesthetised and mechanically ventilated patients. Isabelle Michaux, Belgium.**15.10-15.20 Low-dose recombinant activated factor VII in non-haemophilic cardiac-surgery patients: a randomised case - control study.** Carlo Sorbara, Italy.**15.20-15.30 Effect of albumin, gelatin and hydroxyethyl starch on coagulation after on-pump cardiac surgery.**

Tomi Niemi, Finland.

15.30-15.40 Single transpulmonary thermodilution during anaesthesia in off-pump coronary artery bypass grafting.

Mikhail Kirov, Russia.

14.40-15.10 Coffee/Exhibition**15.10-16.50 Free Paper Session Intensive care.**

Chairmen: Jon Bragi Bergmann, Norway & Sigurbergur Karason, Iceland.

15.10-15.20 Is discharge from ICU at night an adverse event? Robert Svenson, Sweden.**15.20-15.30 Planning ICU-bed capacity with detailed mathematical models validated by actual data.** Sten Walther, Sweden.**15.40-15.50 Acute renal failure in the ICU.**

Hans Flaatten, Norway.

15.50-16.00 Prophylaxis of pressure sores in critically ill patients with the use of statistic gel-overlay mattresses. Irena Krysiak, Poland.**16.00-16.10 Parameters for propofol use in the adult Intensive Care Unit: Use of guidelines and education to improve compliance.**

Sandralee Blosser, USA

16.10-16.20 The photo-diary as an aid for relatives of patients dying in the ICU.

Carl Backman, Sweden.

16.20-16.30 Effect of enteral nutrition versus glucose- or lipid-based parental nutrition on tight glycaemic control.

Michael O'Leary, Australia.

16.30-16.40 Amino acid and insulin infusion attenuates the hepatic glucose production after 3 days fast.

Jakob Gjedsted, Denmark.

16.40-16.50 Trauma patients in the ICU: predictors of survival. Atle Ulvik, Norway.**15.40-16.10 Coffee/Exhibition****16.10-17.00 Free Paper Session Emergency medicine.**

Chairmen: Susanne Wammen, Denmark & Ingunn Vilhjálmsdóttir, Iceland.

16.10-16.20 Five years of community-based prehospital thrombolysis of STEMI-patients in North Norway. Mads Gilbert, Norway.**16.20-16.30 Incidence and cause of impaired consciousness among patients treated by a mobile emergency care unit in Denmark.**

Allan Bach, Denmark.

16.30-16.40 Comparison of airway management with the Intubating Laryngeal Mask, Laryngeal Tube and Cobra by paramedical students in anaesthetized patients. Pertti Pere, Finland.**16.40-16.50 Helicopter transport of sick neonates.** Eirik Skogvoll, Norway.**16.50-17.00 Emergency in-hospital anaesthesia assistance.**

Eirik Skogvoll, Norway.

Lectures**13.00-13.20 The LMA – future developments.**

Chandy Verghese, UK.

13.20-13.40 Airway management in pediatrics – recent developments.

Hans-Jurgen Rapp, Germany.

13.40-14.00 The role of fiberoptics in management of the anticipated difficult airway.

Michael Seltz-Kristensen, Denmark.

14.20-14.40 Transtracheal catheterization.

Thomas Heidegger, Switzerland.

14.40-15.00 Coffee/Exhibition**15.00-17.00 Workshops:*****LMA/ILMA,*****fiberoptic intubation,*****airway management in pediatrics,*****transtracheal catheterization**