

GENERAL ANAESTHESIOLOGY

Learning Track 1



D

01DA
Pro & Con Debate

Colloids are necessary for intraoperative fluid management: Pro-Con

Chair:

Thomas Fuchs-Buder* (Nancy, France)

Pro

Thomas Scheeren* (Groningen, Netherlands)

Con

Thorsten Haas* (Zürich, Switzerland)

D

01DB
Pro & Con Debate

WHO-recommendation for 80% oxygen – consigned to history? Pro-Con

Chair:

Tony Gin (Hong Kong, China)

Pro

Markus W. Hollmann (Amsterdam, Netherlands)

Con

Marc Moritz Berger (Salzburg, Austria)

D

01DC
Pro & Con Debate

Sugammadex should be the first line reversal agent: Pro-Con

Chair:

Thomas Fuchs-Buder* (Nancy, France)

Pro

Hans Donald De Boer* (Groningen, Netherlands)

Con

Radmilo Jankovic (Nis, Serbia)

L 01LA
Lecture

Perioperative blood pressure management: what is the optimal blood pressure?

Chair:

Thomas Scheeren* (Groningen, Netherlands)

Speaker:

Bernd Saugel* (Hamburg, Germany)

L 01LB
Lecture

Closed loop anaesthesia: how close to prime time is it?

Chair:

Michel Struys* (Groningen, Netherlands)

Speaker:

Ngai Liu* (Paris, France)

L 01LC
Lecture

Update on mechanisms of general anaesthesia

Chair:

Hugh Hemmings* (New York, United States)

Speaker:

Nicholas Franks (London, United Kingdom)

L 01LD
Lecture

Inhaled agents, carrier gases and the environment

Chair:

Jan Hendrickx* (Aalst, Belgium)

Speaker:

Ole John Nielsen (Copenhagen, Denmark)

L 01LE
Lecture

History of self-experiments in anaesthesia

Chair:

Alistair McKenzie (Edinburgh, United Kingdom)

Speaker:

Fernando Gilsanz (Madrid, Spain)

L

01LF
Lecture

Hot Topics in Anaesthesiology - Last 12 months' top publications

Chair:

Charles Marc Samama (Paris, France)

Speaker:

Andreas Hoeft (Bonn, Germany)

ME

01MEA
Meet the Expert

Prevention and treatment of high-altitude diseases

Chair:

Marc Moritz Berger (Salzburg, Austria)

Speaker:

Dan Martin* (London, United Kingdom)

RC

01RCA
Refresher Course

Cannabis: more than a recently legalised party drug?

Chair:

Marc Moritz Berger (Salzburg, Austria)

Speaker:

Hanns Ulrich Zeilhofer (Zürich, Switzerland)

RC

01RCB
Refresher Course

Fluids, blood and oxygen: friends or foes?

Chair:

Bernd Saugel* (Hamburg, Germany)

Speaker:

Thomas Scheeren* (Groningen, Netherlands)

S60

01SA
Symposium 60'

From big data via machine learning to predictive modelling

Chair:

Thomas Scheeren* (Groningen, Netherlands)

Big data - Big evidence?

Steven L. Shafer (Stanford, United States)

Predicting hypotension

Thomas Scheeren* (Groningen, Netherlands)

Predicting hypothermia

Oliver Kimberger (Vienna, Austria)

S60 01SB
Symposium 60'

Digital health: when computers supervise

Chair:

Anthony Absalom* (Groningen, Netherlands)

Closed loops, advisory displays and artificial intelligence in anaesthesia: ready for prime time?

Michel Struys* (Groningen, Netherlands)

Integration of wearable health sensor information to provide pre- and postoperative information

Frédéric Michard* (Lausanne, Switzerland)

Closed-loop assisted fluid administration: is it feasible and safe?

Alexandre Joosten (Brussels, Belgium)

S60 01SC
Symposium 60'

Anaesthesia as a cancer disease modifier

Chair:

Anthony Absalom* (Groningen, Netherlands)

Opiates, regional anaesthesia and cancer recurrence

Daniela Ionescu* (Cluj-Napoca, Romania)

Total intravenous anaesthesia (TIVA), volatiles and cancer recurrence

Timothy Wigmore (London, United Kingdom)

Should we change our practice?

William Harrop-Griffiths (London, United Kingdom)

S60 01SD
Symposium 60'

Evidence of the impact of anaesthesia and surgery on the human brain

Chair:

Lis Evered (Fitzroy, Australia)

The human brain after surgery: central nervous system (CNS) immune activation and long-term cognitive changes

Lars I Eriksson (Stockholm, Sweden)

Neurological sequelae of anaesthesia and surgery: equivalent to traumatic brain injury?

Lis Evered (Fitzroy, Australia)

The new nomenclature for perioperative cognitive disorders: the first 18 months of use in the literature

Roderic G. Eckenhoff (Philadelphia, United States)

S60

01SE
Symposium 60'

Pharmacology in special patient populations

Chair:

Marc Moritz Berger (Salzburg, Austria)

Pregnant women

Tony Gin (Hong Kong, China)

Paediatric patients

Karin Becke (Nuremberg, Germany)

Elderly patients

Mark Coburn (Aachen, Germany)

S60

01SF
Symposium 60'

Goal versus guideline-directed cardiopulmonary resuscitation (CPR)

Chair:

Konstantinos Stroumpoulis* (Athens, Greece)

Objective monitoring of blood flow and CPR performance

Fritz Sterz (Vienna, Austria)

Use of ultrasound and capnography to guide optimal CPR

Per-Olav Stefferud Berve (Oslo, Norway)

Do we need a different algorithm for CPR with devices?

Lars Wik* (Oslo, Norway)

S60

01SG
Symposium 60'

Adverse long-term effects of general anaesthesia

Symposium organised in collaboration with the British Journal of Anaesthesia (BJA)



Chair:

Philip Hopkins (Leeds, United Kingdom)

Developmental neurotoxicity

Hugh Hemmings* (New York, United States)

Delirium, postoperative cognitive dysfunction (POCD) and neurodegeneration

Robert David Sanders (London, United Kingdom)

Cancer metastasis and survival

Donal J. Buggy (Dublin, Ireland)

S60

01SH
Symposium 60'

Malignant hyperthermia (MH) outside the operating theatre

Symposium organised in collaboration with the European Malignant Hyperthermia Group (EMHG)

EMHG

Chair:

Philip Hopkins (Leeds, United Kingdom)

MH induced by physical stress

Marc Snoeck (Nijmegen, Netherlands)

MH in ICU patients

Henrik Rueffert (Schkeuditz, Germany)

Preparation of patient and workstation prior anaesthesia

Sebastian Heiderich (Hannover, Germany)
