Focus Meeting in Perioperative Medicine

Monitoring Beyond Borders

Online, 22–23 November 2024

Welcome and opening words

Focus Meeting Chair: Barak Cohen (Tel Aviv-Yafo, Israel)

Pre- and intra-operative monitoring

FRIDAY, 22 NOVEMBER 2024
16:05 - 17:45

Chair: Joana Berger-Estilita (Bern, Switzerland)*
Co-chair: Georgios Karras (Thessaloniki, Greece)

HAEMODYNAMIC

Personalised peri-operative haemodynamic management starting in the pre-operative assessment
Bernd Saugel (Hamburg, Germany)*

RESPIRATORY

Pre- and intra-operative assessment of the respiratory function
Ruth Shaylor (Tel Aviv, Israel)

BRAIN

Peri-operative EEG as a 'predictor' of delirium and cognitive decline in older surgical patients
Miles Berger (North Carolina, United States)

PAIN

Intra-operative nociception monitoring: gadget or promising avenue?
A pro-con debate

PRO
Philippe Richebe (Bordeaux, France)*

CON
Peter Zahn (Bochum, Germany)

Discussion and take-aways

The promises and perils of Artificial Intelligence (AI)

FRIDAY, 22 NOVEMBER 2024

18:00 – 18:15

A keynote lecture by Robert Klitzman (New York, United States)

Post-operative monitoring in the general surgical ward

FRIDAY, 22 NOVEMBER

18:15 – 20:00

Chair: Eva Rivas (Barcelona, Spain)
Co-chair: Donika Borisova (Plovdiv, Bulgaria)

HAEMODYNAMIC

Continuous blood pressure monitoring on the surgical ward using wearable monitors – Feasibility, importance, and doubts
Barak Cohen (Tel Aviv-Yafo, Israel)

RESPIRATORY

Monitoring post-operative respiratory function in the surgical ward: are the evidence compelling?
Elena Giovanna Bignami (Parma, Italy)

BRAIN

Keeping an eye on the brain during the post-operative period – What can we do?
Joana Berger-Estilita (Bern, Switzerland)*

PAIN

Virtual Reality (VR) for acute pain management – The underlying EEG and the latest practical uses
Vincent Bonhomme & Audrey Vanhaudenhuyse (Liege, Belgium)

Discussion and take-aways

Monitoring in the ICU –
Not exactly what you thought!

Chair: Nandor Marczin (Harefield, United Kingdom)*
Co-chair: Roberta Südy (Geneva, Switzerland)

HAEMODYNAMIC

The role of microcirculation and its influence on patient outcomes
Edward Gilbert Kawai (London, United Kingdom)

RESPIRATORY

Basic and advanced respiratory monitoring in the intensive care unit
Lorenzo Ball (Genova, Italy)*

BRAIN

Not 'just' numbers - Looking into patients' brain state through 'raw' EEG
Matthias Kreuzer (Munich, Germany)*

PAIN

Repetitive pain assessment in frail people: can we improve pain outcomes with a dashboard?
Basak Ceyda Meco (Ankara, Turkey)

Discussion and take-aways

Technology-based non-pharmacological interventions for delirium prevention and reduction in the ICU

A keynote lecture by Katarzyna Kotfis (Szczecin, Poland)*

It's time for home monitoring!

SATURDAY, 23 NOVEMBER 2024

10:45 - 12:30

Chair: Patrice Forget (Aberdeen, United Kingdom)*
Co-chair: Maria Iulia Crisan (Zürich, Switzerland)

HAEMODYNAMIC

Post-discharge monitoring of surgical patients: are we already there?
Marjolein Haveman (Groningen, Netherlands)

RESPIRATORY

Home monitoring of respiratory function: the hallmark of connectivity solutions
Eva Rivas (Barcelona, Spain)

BRAIN

Post-operative cognitive rehabilitation using a novel EEG-based approach of attention monitoring
Dana Baron Shahaf (Haifa, Israel)

PAIN

Is multi-source feedback the future of post-operative monitoring?
Karuna Dahlberg (Orebro, Sweden)

Discussion and take-aways

Closing words

SATURDAY, 23 NOVEMBER 2024

12:35

Scientific Committee Chair: Michel MRF Struys (Groningen, Netherlands)