

Technology, Pharmacology & AI

Session

PBLD

Workshop

*This is a preliminary programme and is subject to change.

New Paradigms in Pharmacology

Session Introduction

The Drug Titration Paradox

Neural inertia and Anaesthesia Hysteresis

Session

Live Q&A

Drug Innovation

Session Introduction

Drug Development of Ciprofol and Future Pipeline

Artificial Intelligence in Drug Design and PKPD Modelling

Session

Live Q&A

Update on Newer Drugs

Session Introduction

Dexmedetomidine

Etomidate Analogs

Remimazolam

Sugammadex

Session

Live Q&A



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Artificial Intelligence and Image Processing

Session

Session Introduction

Remote Photoplethysmography

Assisted Ultrasound

Facial and Airway Recognition

Live Q&A

Artificial Intelligence and Control Systems

Session

Session Introduction

Arterial Pressure in Obstetric Spinal Anaesthesia

Closed Loop Anaesthesia

Optimizing Drug Administration

Live Q&A

Artificial Intelligence and Prediction Analytics

Session

Session Introduction

Patient Blood Management

Sepsis and ICU Outcomes

TBC

Live Q&A



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Artificial Intelligence and Healthcare Systems

Session

Session Introduction

Intelligent Health Systems

Improving Surgical Patient Flow

Live Q&A

Telehealth

Session

Session Introduction

TBC

Pervasive Sensing

Live Q&A

Cardiovascular Technology

Session

Session Introduction

Advanced Cardiac Output and Oxygenation Monitoring

Closed Loop Fluid Management and Hemodynamic Optimisation
Systems

Live Q&A



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Neurological Monitoring

Session Introduction

TBC

Nociception Monitors

Live Q&A

Session

Technology for the Future

Session Introduction

3D Printing Applications

Virtual Reality

Anaesthesia and Surgery during Interplanetary Spaceflight

Live Q&A

Session

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TBC

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TIVA with or without Target Controlled Infusion (TCI)

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Workshop

Simulation-Based Workshop to Understand Anaesthetic Drug Interactions

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Workshop

Monitoring Neuromuscular Block

Monitoring Neuromuscular Block

Workshop



18th World Congress of Anaesthesiologists

3 - 7 March 2024 SINGAPORE

Together We Can



#wca2024

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How to Start Using AI

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