

PROGRAM AT A GLANCE

Feb 7 (Saturday)

Time	Plenary 1	Plenary 2	Hall 3 Lotus 7	Hall 4 Lotus 5-6	Hall 5 Lotus 3-4	Hall 6 Lotus 1-2	Room 7 Lotus 11	Room 8 Lotus 10	Room 9 Lotus 9	Room 10 Lotus 8	Meeting Room Lotus 12
9.00-10.30	AI and Data Science for Decision Support and Quality Improvement	Pediatric Cardiothoracic Anesthesia	Critical Care II	AARS Session	Abstract award 1	NAST I (Thai Session)	PBLD1 Neuroanesthesia	PBLD: TSAM (Thai Session)	RCAT Research 1 (9.00-11.00)	RCAT Research 2 (9.00-11.00)	
				Gold Sponsor Session: GE							
10.30-11.00	Break										
11.00-12.30	Airway and Respiration	Critical Care III	Enhancing Patient Safety	Gold Sponsors Session: Baxter, FK, Drager	Abstract award 2	NAST II (Thai Session)	PBLD2 Pediatric Anesthesia	Building Research Competency I			RCAT General Assembly
12.30-13.30	Lunch Symposium by Mediplex (Thailand) Anesthesia digital data in action: from set-up to implementation, what you should concern.										
13.30-15.00	Neuroanesthesia “Brain Health and Its Comprehension”	Pain Medicine	TSPA & ASPA Session I	ASIAN TIVA	Airway Management	NAST III (Thai Session)	PBLD3 CVS & Respiration	Building Research Competency II	RCAT Research 3 (13.30-15.30)	RCAT Research 4 (13.30-15.30)	The SEAPOD investigators' meeting
15.00-15.30	Break										
15.30-17.00	Non-Operating Room Anesthesia	Ambulatory Anesthesia	TSPA & ASPA Session II	Perioperative Medicine I	WFSA	NAST IV (Thai Session)	PBLD4 Airway	Building Research Competency III			Thai Perioperative Intensive Care Club

9.00-10.30

Plenary 1

AI and Data Science for Decision Support and Quality Improvement

Moderator Nicholas J. Kassebaum (USA)
 Suraphong Lorsomradee (Thailand)

9.00 AI-Driven decision support in anesthesia
 Louise Sun (USA)

9.20 Real-time decision support: Scoring systems for high-risk anesthetic patients
 Pornswan Ngamprasertwong (USA)

9.40 Generative AI in ICU: Opportunities, challenges, and future directions
 Yu-Chang Yeh (Taiwan)

10.00 How to develop and approach a health metrics project
 Nicholas J. Kassebaum (USA)

10.20 Q&A



9.00-10.30

Plenary 2

Pediatric Cardiothoracic Anesthesia

Moderator

Annette Schure (USA)

Panop Limratana (Thailand)

9.00

Update in hypoplastic left heart syndrome

Annette Schure (USA)

9.20

Anesthesia for transcatheter and hybrid interventions in congenital heart disease

Kirsten Odegard (USA)

9.40

Enhanced recovery after cardiac surgery

Viviane Nasr (USA)

10.00

Anesthesia related cardiac arrest in children, An update

Kirsten Odegard (USA)

10.20

Q&A



9.00-10.30

Hall 3

Critical Care II

Moderator Suneerat Kongsayreepong (Thailand)
Phornlert Chatkaew (Thailand)

9.00 Perioperative fluid responsiveness in Limited Resource Countries
Petch Wacharasint (Thailand)

9.20 Perioperative ventilator setting: Best strategies
Annop Piriyaatsom (Thailand)

9.40 Artificial blood: Where are we now and where are we heading to?
Henry Liu (USA)

10.00 Palliative and end-of-life issues
Phornlert Chatkaew (Thailand)

10.20 Q&A



9.00-10.00**Hall 4****AARS Session**

Moderator Varinee Lekprasert (Thailand)
Yong Chow Yen (Malaysia)

9.00 Anesthesia training and capacity building in the Pacific - Where are we now?

Christopher Bowden (Australia)

9.25 The evolution of anesthesia in Mongolia

David Pescod (Australia)

9.50 Q&A



10.00-10.30

Hall 4

Sponsor Symposium by GE Medical Systems (Thailand) Limited

Cardiac Output Monitoring

Moderator: Suraphong Lorsomradee (Thailand)

Speaker: Frederic Michard MD (Switzerland)



9.00-10.30

Hall 5

Abstract Award I: Basic Science and Clinical Science

Moderator Dusica Bajic (USA)

Wan Rahiza Wan Mat (Malaysia)

Somchai Amornytin (Thailand)

9.00 Gene Targets Underlying Sevoflurane Associated Cognitive Disorder Revealed by Pharmacovigilance and Multi Omics Data Mining

Qingao Pan (China)

9.15 The Effect of Hypothermia on the Onset of Malignant Hyperthermia in a Mouse Model Expressing R2509C-Type I Ryanodine Receptor

Tsuyoshi Ikeda (Japan)

9.30 Identification of Novel Genes Associated with Malignant Hyperthermia Using Whole-Genome Sequencing

Hirotsugu Miyoshi (Japan)

9.45 Cerebral Oxygen Desaturation during Deliberate Hypotension: A Systematic Review and Meta-analysis of Safety Thresholds and Risk Factors

Tanachot Rattanakosonsri (Thailand)

10.00 Obstetric Comorbidity Index for Prediction of Perioperative Severe Maternal Morbidity in Patients Undergoing Cesarean Delivery with Postpartum Hemorrhage

Patchareya Nivatpumin (Thailand)

10.15 Comparative Study of Premixed Versus Sequential Administration of Hyperbaric Bupivacaine and Fentanyl for Subarachnoid Block in Caesarean Section

Rahul Kalshan (India)



9.00-10.30 (Thai Session)

Hall 6

NAST (The Nurse Anesthetist Society of Thailand) Session I

Bridging Borders: Thai Nurse Anesthetists in the Global Healthcare Ecosystem

เชื่อมโยงข้ามพรมแดน: บทบาทวิสัญญีพยาบาลไทยในระบบสุขภาพโลก

Moderator

นท.บรณ นาวาเจริญ

9.00

บทบาทวิสัญญีพยาบาลในประเทศไทยภายใต้ข้อบังคับกระทรวงสาธารณสุข ปี 2539

Nurse anesthetist role in Thailand under the Ministry of Public Health Regulations B.E. 2539 (1996)

จินตนา พรรณเนตร

9.25

บทบาทวิสัญญีพยาบาลในประเทศสหรัฐอเมริกา

Nurse anesthetist role in the USA

Alissa N. Worstell

9.50

วิสัญญีพยาบาลไทยรุ่นใหม่กับการเชื่อมต่อกับสุขภาพโลก

Thai Nurse Anesthetists of the New Generation: Integrating with Global Health

วัชรกานต์ จันทร์วิเชียร

10.15

Q&A



9.00-10.30

Room 7

PBLD 1: Neuroanesthesia**“High-Stakes Neuroanesthesia: Precision, Pressure, and Performance in the Neurocritical Arena”**

9.00	Crisis command: Anesthetic strategies for neurointervention disasters Minyu Jian (China) Panelist: Jeffrey Pasternak (USA)
9.25	Between the clip and catastrophe: Managing anesthetic challenges in complex aneurysm surgery (Anesthesia for challenging cerebral aneurysm surgery) Chanathee Kitsiripant (Thailand) Panelist: Girija Prasad Rath (India)
9.50	TBI meets trauma code: Navigating anesthesia for brain injury with multisystem injury Pathomporn Pin-On (Thailand) Panelist: Peter Tan (Malaysia)
10.15	Q&A



9.00-10.30 (Thai Session)**Room 8****PBLD -Airway (Thai Society of Airway Management: TSAM)****Moderator**

Prok Laosuwan (Thailand)

Tossapol Homthain (Thailand)

9.00

Case 1: Post head and neck radiation with limited mouth opening and neck extension

Atipong Pathanasethpong (Thailand)

9.20

Case 2: Airway crisis in post-parotidectomy hemorrhage with flap reconstruction

Sawita Kanavitoon (Thailand)

9.40

Case 3: Skull base fracture patient scheduled for ORIF with maxillomandibular fixation

Tanat Chotijarumaneewong (Thailand)

10.00

Case 4: Severe tracheal stenosis after prolonged intubation in 12-yo child

Pannawit Benjhawaleemas (Thailand)

10.20

Q&A

11.00-12.30**Plenary 1****Airway and Respiration****Moderator** Deborah Khoo (Singapore)

Theodore Gar Ling Wong (Singapore)

11.00 Practice-changing literature in airway management

Matteo Parotto (Canada)

11.20 High flow oxygenation, smart choices: Advancing oxygenation in anesthetic practice

Pierre Bradley (Australia)

11.40 Gastric ultrasound for difficult airways: Game-changer or just hype?

Kapil Gupta (USA)

12.00 Difficult airway, difficult choice: DLT vs. blocker for lung separation

Young Jun Oh (Korea)

12.20 Q&A

11.00-12.30

Plenary 2

Critical Care III

Moderator

Laurence Weinberg (Australia)

Sahadol Poonyathawon (Thailand)

11.00

Perioperative fluid & fluid management: Best practice

Sahadol Poonyathawon

11.20

Perioperative hemodynamic monitoring and management in adults having noncardiac surgery

Laurence Weinberg (Australia)

11.40

Microcirculation in anesthesia and critical care: Seeing beyond blood pressure

Yu-Chang Yeh (Taiwan)

12.00

Advances in perioperative septic shock

Suneerat Kongsayreepong (Thailand)

12.20

Q&A

11.00-12.30

Hall 3

Enhancing Patient Safety

Moderator

Andriamuri Primaputra Lubis (Indonesia)

Sumidtra Prathep (Thailand)

11.00

From comfort to safety: Risk management in painless labor

Kiyoyuki W. Miyasaka (Japan)

11.20

Intravenous anesthesia safety in low resource Asian setting

Raveenthiran Rasiah (Malaysia)

11.40

Prevention and management of nerve injuries during regional anesthesia

Peerachatra Mangmeesri (Thailand)

12.00

The role of pharmacists in enhancing anesthesia and ICU safety

Pitchaya Dilokpattanamongkol (Thailand)

12.20

Q&A


11.00-12.30**Hall 4****Gold Sponsor Lecture****11.00****Baxter Symposium**

Inhaled anesthetics and ERAS: Driving recovery through evidence-based protocols

Moderator: Assoc. Professor Orawan Pongraweeewan

Speaker: Professor Tong Joo (TJ) Gan

11.30**Fresenius Kabi Symposium**

Revisiting paracetamol in perioperative care: Evidence and evolving practice

Moderator: Asst. Professor Surunchana Lersirisopon

Speaker: Dr. Pongpol Sirilaksanamanon, M.D., PhD

12.00**Draeger**

Implement EIT in the OR: A practical guide for real-time lung protective ventilation

Professor Wu Jingxiang



11.00-12.30

Hall 5

Abstract Award II: Clinical Science

Moderator

Dusica Bajic (USA)

Wan Rahiza Wan Mat (Malaysia)

Somchai Amornytin (Thailand)

11.00

Prophylactic Ondansetron 4, 6 and 8 Milligrams plus Phenylephrine on Spinal Hypotension after Spinal Anesthesia in Obese Patients undergoing Cesarean Section: A Randomized, Double-Blind Study

Ornphimon Tanaphuwanont (Thailand)

11.15

A Novel Risk Prediction Model for Epidural-Associated Postpartum Urinary Retention: Development of a LASSO-Based Nomogram and External Validation in Two Tertiary Centers

Rong Chen (China)

11.30

Protective Versus Conventional Ventilation in Minimally Invasive Ventricular Septal Defect Repair: A Prospective Cohort Study in Children

Thảo Giang (Viet Nam)

11.45

Impact of Intraoperative Nociceptive Response (NR) and Mean Blood Pressure (MBP) on Postoperative CRP Elevation

Shohei Ooba (Japan)

12.00

The Use of Nalbuphine as Postoperative Analgesia: A Systematic Review and Meta-Analysis of Randomised Controlled Trials

Ka Ting Ng (Malaysia)

12.15

Abstract 6



11.00-12.30 (Thai Session)

Hall 6

NAST (The Nurse Anesthetist Society of Thailand) II

Evidence Base Practice for Anesthesia Nursing

การปฏิบัติการพยาบาลวิสัญญีบนพื้นฐานของหลักฐานเชิงประจักษ์

Moderator

นท.บรณ นาวาเจริญ

11.00

หลักฐานเชิงประจักษ์ในการพยาบาลวิสัญญี: ความหมาย ความสำคัญ และแนวโน้มในอนาคต

Evidence-Based Anesthesia Nursing: Meaning, Importance, and Future Trends

นงลักษณ์ สุรสร

11.25

การประยุกต์ใช้ evidence-based practice ในการดูแลผู้ป่วยวิสัญญีในบริบทไทย

Translating Evidence into Thai Anesthesia Nursing Practice

ศรินรา ทองมี

11.50

การยกระดับการพยาบาลวิสัญญีด้วยหลักฐานเชิงประจักษ์

Advancing Nurse Anesthesia through Evidence-Based Practice

เจนร์ลิญา ทวีสินกุลสานต์

12.15

Q&A



11.00-12.30

Room 7

PBLD 2: Pediatric Anesthesia**Moderator** Pichaya Waitayawinyu (Thailand)

Sirikarn Siripruekpong (Thailand)

11.00 **Acute pain management in special child**

Sahatsa Mandee (Thailand)

Panelist: Christine Greco (USA)

11.20 **Sedation in pediatric morbid obesity in NORA setting**

Sirikarn Siripruekpong (Thailand)

Panelist: Vivian Yuen (Hong Kong)

11.40 **URI revisit**

Patnarin Chulalucksiriboon (Thailand)

Panelist: Ina Ismiarti Binti Shariffuddin (Malaysia)

12.00 **Tetralogy of Fallot for noncardiac surgery**

Patcharee Sriswasdi (Thailand)

Panelist: Nina Deutsch (USA)

12.20 **Q&A**

11.00-12.30

Room 7

Building Research Competency I

Moderator

Benno von Bormann (Germany)

Somrat Charuluxananan (Thailand)

11.00

How to publish internationally

Benno von Bormann (Germany)

11.25

How to survive as researcher in limited resources country: an anesthesiologist's viewpoint

Somrat Charuluxananan (Thailand)

11.50

Research in pediatric anesthesia: Challenges and pathways to success

John E. Fiadjoe (USA)

12.15

Q&A


12.30-13.30

Plenary 1

Lunch Symposium by Mediplex (Thailand)

Anesthesia digital data in action: from set-up to implementation, what you should concern.

Assoc. Prof. Dr. Tanyong Pipanmekaporn

Assist Prof. Dr. Passakorn Sawaddiruk



13.30-15.00**Plenary 1****Neuroanesthesia “Brain Health and Its Comprehension”**

Moderator Phuping Akavipat (Thailand)
Young-Tae Jeon (Korea)

13.30 **Perioperative brain health: from bench to bedside**
Ines Koerner (USA)

13.50 **Perioperative brain monitoring: Current technologies, biomarkers, and clinical relevance**
Geraldine B Jose (Philippines)

14.10 **Neurological benefits from GLP-1 agonists**
Jeffrey Pasternak (USA)

14.30 **Role of National Audit and Outcome**
Gemma Nickols (United Kingdom)

14.50 **Q&A**



13.30-15.00

Plenary 2

Pain Medicine

Moderator

Christine Greco (USA)

Wichai Ittichaikulthol (Thailand)

13.30

Pain management: A global perspective

Wayne Morriss (New Zealand)

13.50

Does intrathecal morphine play a role for postoperative analgesia?

Penafrancia Catangui Cano (Philippines)

14.10

Chronic pain management in special populations

Christine Greco (USA)

14.30

Chronic post-surgical pain

Hue-Jung Park (Korea)

14.50

Q&A

13.30-15.00

Hall 3

TSPA & ASPA Session I

Moderator Suneerat Kongsayreepong (Thailand)

Agnes Ng (Singapore)

13.30

ASPA

Agnes Ng (Singapore)

13.35

Safe pediatric sedation

Vivian Yuen (Hong Kong)

13.55

Tailoring anesthesia for noncardiac surgery in patients with congenital heart disease

Nina Deutsch (USA)

14.15

Pediatric vascular access – make it easy

Duenpen Horatanaruang (Thailand)

14.35

POCUS and volume status assessment**Refining pediatric volume assessment: Clinical applications of POCUS**

Jin-Tae Kim (South Korea)

14.55

Q&A

13.30-15.00

Hall 4

Asian TIVA

Moderator

Suraphong Lorsomradee (Thailand)

Sumidtra Prathep (Thailand)

13.30

Seeing anesthesia in color: Practical use of DSA in Asian TIVA practice

Tae-Yop Kim (South Korea)

13.50

Remimazolam: A new era of precision sedation and anesthesia

Shigeki Yamaguchi (Japan)

14.10

Fast in, fast out: Optimizing TIVA for ambulatory and one-day surgery

Xavier Falieres (Netherlands)

14.30

Ketamine and TIVA in Asia: Beyond the basics

Raveenthiran Rasiah (Malaysia)

14.50

Q&A

13.30-15.00

Hall 5

Airway Management: Remote to Specialized Care

Moderator Pornarun Charoenraj (Thailand)
Jinbin Zhang (Singapore)

13.30 **Advanced airway management training in remote area**
Wenxian li (China)

13.50 **Airway management in maxillofacial injuries: the role of submental intubation-When and How**
Hyun Kyo Lim (Korea)

14.10 **Optimizing airway management in Interventional Pulmonology**
Sudapree Sorasuchart (Thailand)

14.30 **Managing anesthetic challenges in pediatric airway surgery**
Pornswan Ngamprasertwong (USA)

14.50 **Q&A**



13.30-15.00 (Thai Session)

Hall 6

NAST (The Nurse Anesthetist Society of Thailand) III

Navigating the Future: Transformative Roles of Thai Nurse Anesthetists in the Digital Health Era

การก้าวสู่นาคต: บทบาทเชิงเปลี่ยนผ่านของพยาบาลวิสัญญีไทยในยุคสุขภาพดิจิทัล

Moderator

เนอรัลญา ทวีสินกุลสานต์

13.30

การเปลี่ยนผ่านสู่ยุคดิจิทัลและการเกิดขึ้นใหม่ของเทคโนโลยีในการพยาบาลวิสัญญี
Digital Transformation and Emerging Technologies in Anesthesia Nursing

วรุฒ บุญประยงค์

13.55

บทบาทวิสัญญีพยาบาลไทยในการเปลี่ยนผ่านสู่ยุคดิจิทัล 9.25

Transformative Roles for Digital-Age Nurse Anesthetists

อารยา จิตรประชา

14.20

การเปลี่ยนผ่านสู่ยุคดิจิทัลและการเกิดขึ้นใหม่ของเทคโนโลยีในการพยาบาลวิสัญญี
Digital Transformation and Emerging Technologies in Anesthesia Nursing

เนอรัลญา ทวีสินกุลสานต์

14.45

Q&A



13.30-15.00

Room 8

PBLD 3: Cardiovascular and Respiratory System**Panelist** Naruemol Prachanpanich (Thailand)

Sunthiti Morakul (Thailand)

13.30 **VA ECMO and circulatory failure**

Pimwattana Pimsen (Thailand)

14.00 **VA ECMO and respiratory failure**

Srisuluk Kacha (Thailand)

14.30 **VV ECMO and respiratory failure**

Chawika Pisitsak (Thailand)



13.30-15.00

Room 8

Building Research Competency II**Moderator**

Nicholas J. Kassebaum (USA)

Nuanprae Kitisin (Thailand)

13.30

Burden of Proof: a contemporary meta-regression framework for evaluating strength of evidence

Nicholas J. Kassebaum (USA)

13.50

Academic collaboration through registries and databases

Viviane Nasr (USA)

14.10

Common pitfalls and errors in clinical research of anesthesia from random error to systematic bias

Norifumi Kuratani (Japan)

14.50

Q&A

15.30-17.00

Plenary 1

Non-Operating Room Anesthesia

Moderator Joseph Cravero (USA)

Narut Ruananukun (Thailand)

15.30 **Anesthesia for radiology imaging and procedure**

Vivian Yuen (Hong Kong)

15.50 **Advances in sedation techniques for GI procedures**

Somchai Amornyotin (Thailand)

16.10 **Pediatric NORA**

Oraluxna Rodanant (Thailand)

16.30 **Anesthesia in intensive care units**

Debabrata Banik (Bangladesh)

16.50 Q&A



15.30-17.00

Plenary 2

Ambulatory Anesthesia

Moderator Tithiganya Duangrat (Thailand)
Shahridan Fathil (Malaysia)

15.30 **Ambulatory Anesthesia: Current state and future considerations**
Penafrancia Catangui Cano (Philippines)

15.50 **Preoperative Optimization for ambulatory anesthesia**
Jin-Tae Kim (Korea)

16.10 **Opioid-free Anesthesia: 5 years experience**
Susilo Chandra (Indonesia)

16.30 **Role of peripheral nerve blocks in improving recovery**
Shahridan Fathil (Malaysia)

16.50 Q&A



15.30-17.00

Hall 3

TSPA & ASPA Session II

Moderator

Vrushali C Ponde (India)

Pichaya Waitayawinyu (Thailand)

15.30

Update in pediatric neuroanesthesia

Mary Ellen McCann (USA)

15.50

**Practical regional anesthesia for occasional pediatric anesthesiologists:
Tips and Tricks**

Vrushali Ponde (India)

16.10

**Update in pediatric airway device
Current Trends and Future Directions in Pediatric Airway Device
Utilization**

Olivia Wijeweera (Singapore)

16.30

Update in pediatric difficult airway management

Pornarun Charoenraj (Thailand)

16.50

Q&A



15.30-17.00

Hall 4

Perioperative Medicine I

Moderator Mohammed Azam Danish (India)
Thammasak Thawitsri (Thailand)

15.30 **Preoxygenation: An update**

Mohammed Azam Danish (India)

15.50 **Perioperative fluid management**

Azarinah Izaham (Malaysia)

16.10 **What's New in CPR 2026 and best post-cardiac arrest care**

Thammasak Thawitsri (Thailand)

16.30 **Ventilatory strategies for obese patients**

Cherdkiat Karnjanarachata (Thailand)

16.50 Q&A



15.30-17.00

Hall 5

WFSA Session

Moderator Varinee Lekprasert (Thailand)

15.30 **Collaboration: Building regional and global networks in anesthesia: opportunities and challenges**

Daniela Filipescu

15.55 **From networks to coverage: Delivering safe pediatric anesthesia across asia**

Norifumi Kuratani (Japan)

16.20 **The Legend of BARTC**

Orawan Pongraweewan (Thailand)

16.45 Q&A



15.30-17.00 (Thai Session)

Hall 6

NAST (The Nurse Anesthetist Society of Thailand) IV

Empowering Excellence: Advanced Education and Certification Pathways for Thai Nurse Anesthetists

การเสริมพลังสู่ความเป็นเลิศ: แนวทางการศึกษาขั้นสูงและการรับรองสมรรถนะสำหรับพยาบาลวิสัญญีไทย

Moderator นท. บรม นาวาเจริญ

- | | |
|-------|--|
| 15.30 | <p>การศึกษาขั้นสูงเพื่อความเป็นเลิศทางวิชาชีพพยาบาลวิสัญญี</p> <p>Advancing Education for Professional Excellence in Nurse Anesthesia</p> <p>รัตน์ศิริ ทาโต</p> |
| 15.55 | <p>กรอบสมรรถนะและแนวทางการรับรองวิชาชีพของวิสัญญีพยาบาลไทย</p> <p>Competency Frameworks and Certification Pathways for Thai Nurse Anesthetists</p> <p>จินตนา พรรณเนตร</p> |
| 16.15 | <p>ภาวะผู้นำและแนวทางการพัฒนาในยุคดิจิทัลและโลกาภิวัตน์</p> <p>Leadership and Future Pathways in the Era of Digital and Global Transformation</p> <p>จตุพงษ์ พันธุ์ไว</p> |
| 16.45 | Q&A |



15.30-17.00

Room 7

PBLD 4- Airway Challenging Cases**Moderator**

Yee Eot Chee (Hong Kong)

Sudapree Sorasuchart (Thailand)

15.30

Impending airway obstruction in penetrating neck injury

Anthony Roche (USA)

15.50

The airway nightmare - could we have done better?

Jinbin Zhang (Singapore)

16.10

Large thyroid mass in a respiratory distress patient

Roan Jocson (Philippines)

16.30

Large vocal hemangioma in a pediatric patient with kyphoscoliosis

Wipada Tingthanathikul (Thailand)

16.50

Q&A

15.30-17.00

Room 8

Building Research Competency III**Moderator** Arunotai Siriussawakul (Thailand)

Nattaya Raykateeraroj (Thailand)

15.30 **Machine learning and prediction models in anesthesia**

Arunotai Siriussawakul (Thailand)

15.50 **Target trial emulation (TTE) analysis**

Nuanprae Kitisin (Thailand)

16.10 **Bayesian statistics in clinical anesthesia trials**

Nattaya Raykateeraroj (Thailand)

16.30 **Beyond association: Using mediation analysis to explain causal pathways**

Konlawij Trongtrakul (Thailand)

16.50 **Q&A**