

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 Piriyapatsom (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

Pornlert 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 Amornyotin (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

Hirotugu 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: นักยาทวิสัญญีพยาบาลไทยในระบบสุขภาพโลก****Moderator** นท.บรม นาวาเจริญ

บทบาททวิสัญญีพยาบาลในประเทศไทยภายใต้ข้อบังคับกระทรวงสาธารณสุข ปี 2539

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

จินตนา พรรดาเนตร

9.25 **บทบาททวิสัญญีพยาบาลในประเทศไทยและอเมริกา**

Nurse anesthetist role in the USA

Alissa N. Worstell

วิสัญญีพยาบาลไทยรุ่นใหม่ กับการเชื่อมต่อกับสุขภาพโลก

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

วัชรakanต์ จันทร์วิชัยร

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 Prathee (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 Pongraweewan

Speaker: Professor Tong Joo (TJ) Gan

11.30

Fresenius Kabi Symposium

Revisiting paracetamol in perioperative care: Evidence and evolving practice

Moderator: Asst. Professor Surunchana Lerdbrisopon

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 Amornyotin (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****การปฏิบัติการพยาบาลวิสัญญีนพ์ฟื้นฟูของหลักฐานเชิงประจำกษ****Moderator** นท.บรม นาวาเจริญ

11.00 หลักฐานเชิงประจำกษในการพยาบาลวิสัญญี: ความหมาย ความสำคัญ และแนวโน้มในอนาคต

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

นงลักษณ์ สุรศร

11.25 การประยุกต์ใช้ evidence-based practice ในการดูแลผู้ป่วยวิสัญญีในบริบทไทย
Translating Evidence into Thai Anesthesia Nursing Practice

ศรินรา ทองมี

11.50 การยกระดับการพยาบาลวิสัญญีด้วยหลักฐานเชิงประจำกษ

Advancing Nurse Anesthesia through Evidence-Based Practice

เมอร์ลินญา ทวีสินกุลศาณต์

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 Prathee (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****การก้าวสู่อนาคต: บทบาทเชิงเปลี่ยนผ่านของพยาบาลวิสัญญีไทยในยุคสุขภาพดิจิทัล****Moderator** เอมอร์ลิญา ทวีสินกุลศาสน์

13.30 **การเปลี่ยนผ่านสู่ยุคดิจิทัลและการเกิดขึ้นใหม่ของเทคโนโลยีในการพยาบาลวิสัญญี
Digital Transformation and Emerging Technologies in Anesthesia Nursing**
วรุฒิ 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**
เอมอร์ลิญา ทวีสินกุลศาสน์

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

การศึกษาขั้นสูงเพื่อความเป็นเลิศทางวิชาชีพพยาบาลวิสัญญี**Advancing Education for Professional Excellence in Nurse Anesthesia**

รัตน์สิริ ทาโต

15.55

กรอบสมรรถนะและแนวทางการรับรองวิชาชีพของวิสัญญีพยาบาลไทย**Competency Frameworks and Certification Pathways for Thai Nurse Anesthetists**

จินตนา พรรดาเนตร

16.15

ภาวะผู้นำและแนวทางการพัฒนาในยุคดิจิทัลและโลกภาคีวัฒน์**Leadership and Future Pathways in the Era of Digital and Global Transformation**

ชาติพงษ์ พันธ์วิไล

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