

ISA WORLD SIVA CONGRESS 2025

— (25th-27th July, 2025) —

VENUE: THE LALIT, CHANDIGARH



WELCOME ADDRESS



Revered Faculty and Dear Attendees,

ISA is proud to announce the “ISA World SIVA Congress 2025” in Chandigarh from 25th to 27th July 2025.

For the first time ever, ISA has collaborated with World Society of Intravenous Anaesthesia (SIVA). The latter is an international non profit scientific organization with an aim to improve standard of intravenous anaesthesia delivery systems and promote clinical application of target controlled infusion (TCI) technology.

The scientific proceedings of ISA World SIVA Congress 2025 incorporates the latest knowledge related to intravenous anaesthesia/analgesia in the disciplines of anaesthesiology, intensive care, pain medicine and perioperative care. The comprehensive programme deliberated by experienced faculty will bring to the table a wealth of academic credentials for both post graduates and professionals at all career stages. Participation in the congress will offer each one of the attendees an opportunity for international networking which will foster exchange of information and expertise about intravenous anaesthesia.

We are pleased to announce the incorporation of revolutionizing topics related to AI in anaesthesia , Biotechnology and Bioengineering in the scientific schedule.

Chandigarh, known as the City Beautiful, is a blend of modernity and cultural heritage. It is situated in the foothills of the Shivalik hills. It is the capital city of both Punjab and Haryana and is the first planned city of the country. Designed by Le Corbusier, a Swiss-French architect, the city boasts of all that you would like to take back home as memories.

So, mark your calendar and keep looking forward for latest updates related to ISA World SIVA Congress 2025. Do not miss this opportunity to exchange ideas, enhance your skills, participate in workshops, discussions, panel sessions and showcase your research and collaborate with peers and pioneers in the field of anaesthesia.

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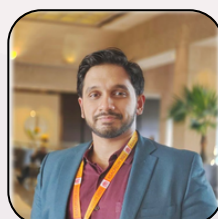
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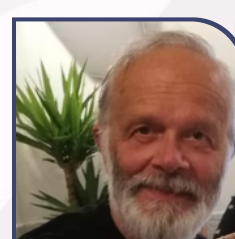
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Conference Highlights



WORKSHOP

01

TIVA/TCI in difficult airway
- Thomas Hemmerling

02

TIVA/TCI in Obstetrics
- Emilija Ivanov

03

Propofol TCI in NORA/procedural sedation
- Medhat Shalabi

04

Hemodynamics in TIVA/TCI: Tools and strategies
- Suraphong Lorsomradee

05

TIVA/TCI in tiny tots
- Daqing Ma

06

Monitoring TIVA; EEG and Brain State; MEP & SSEP
- Satoshi Hagihiro

07

AI in Anaesthesia
- GD Puri

ISA WORLD SIVA CONGRESS 2025

CRYSTAL HALL

Day 1: 25th July 2025

08:00 - 13:30: Workshops

13:30 - 14:30: Lunch

14:30 - 15:00: Registration for conference

15:00 - 15:30: Welcome

Session 1: Starting with the basics

Chairperson: Quirino Piacevoli		
15:30 - 15:50	Target-Controlled Infusions: Principles, models and performance metrics	Kenichi Masui
15:50 - 16:10	Devices for intraoperative use for TIVA/TCI	Edgard Simon
16:10 - 16:30	Guidelines for TIVA administration	Medhat Shalabi
16:30 - 16:50	Tips and tricks to optimize TIVA- How i do it	Nithin Sethi
16:50 - 17:00	Discussion	

Session 2: TIVA & the brain

Chairperson: Thomas Hemmerling		
17:00 - 17:20	Monitoring depth-of-TIVA: Possessing processed EEG monitors	Suraphong Lorsomradee
17:20 - 17:40	Closed loop IV anaesthesia and brain monitoring	Kenichi Masui
17:40 - 18:00	Awareness and dreaming during propofol TIVA: An imminent quagmire!	Emilija Ivanov
18:00-18:20	Neuroanaesthesia 2.0: How TCI-TIVA with Remifentanyl changed IONM and neuroanaesthesia practice in India	Vishwanathan S Bhaire
18:20 - 18:30	Discussion	

Keynote Speaker

Chairperson: Edgard Simon		
18:30 - 18:50	AI in obstetric anaesthesia	Alex Sia Tong Heng

Keynote Speaker

Chairperson: Ma Daqing		
18:50 - 19:10	Monitoring hemodynamic stability with TIVA/TCI	Suraphong Lorsomradee

19:10: INAUGURATION

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Day 2: 26th July 2025

Keynote Speaker

Chairperson: Quirino Piacevoli		
08:30 – 08:50:	TIVA: The road traversed and what's ahead!	GD Puri

Session 3: Pharmacology insights

Chairperson: Satoshi Hagihira		
08:50 – 09:10	Basic research on anaesthetic drugs; newer drugs available for TIVA/TCI	
09:10 – 09:40	Neuromuscular blockade-all you need to know in 2025	Bojan Bagi
09:40 – 10:00	TIVA in outpatient's surgery	Alireza Salimi
10:00 – 10:20	PK/PD models for pediatric patients	Sung-Heon Lee
10:20 – 10:40	Discussion	

10:40 – 11:00: TEA Break

Keynote Speaker

Chairperson		
11:00 – 11:20	Remimazolam anaesthesia: Representative profiling and induction into clinical anaesthesiology	Satoshi Hagihira

Session 4: Adjuvant drugs in propofol TIVA

Chairperson: GD Puri		
11:20 - 11:30	Co-opting dexmedetomidine clinical pharmacology with propofol TIVA: Unwinding the rope	Angel Gomez
11:30 - 11:50	Lignocaine: Neurologic effects during propofol TIVA	Preethy Mathews
11:50 - 12:10	Re-shrining ketamine into TIVA world: The challenges and benefits	Raveenthiran Rasiah
12:10 - 12:30	Practical uses of ketofol in pediatric cath labs-	Rajarajan
12:30 - 12:40:	Discussion	

Keynote Speaker

Chairperson: Yu Weifeng		
12:40-13:00	Implications of pharmacogenetics in anaesthesia practice	Quirino Piacevoli

13:00 – 14:00: Lunch

ISA WORLD SIVA CONGRESS 2025

Day 2: 26th July 2025



PRO / CON Session

Moderator: Satoshi Hagihira		
14:00-14:40	Total intravenous anesthesia is better than Volatile Anesthesia for Cardiac Surgery	Suraphong Lorsomradee
		Daqing Ma

Keynote Speaker

Chairperson: Yu Weifeng		
14:40 – 15:00	Anaesthesia for pediatric liver transplant in China practice	Suraphong Lorsomradee

Session 5: TIVA in special surgical populations

Chairperson: Ma Daqing		
15:00 – 15:20	Preoperative stress in Infant: how we can reduce it	Imran M. Alherz
15:20 – 15:40	Brain Health: a concern for anaesthesiologists and intensivists	Bernd Walter Bottiger
15:40 – 16:00	Perioperative risk factors and cancer surgery outcomes	Raveenthiran Rasiah
16:20 - 16:40	Induction Agents for Intubation in trauma triage	Tanvir Samra
16:40 – 16:45	Discussion	

16:40 – 17:00: TEA Break

Session 6: TIVA in special patient populations

Chairperson: Quirino Piacevoli		
16:45 – 17:00	TIVA in the Elderly: Counting preserved cognition with precision anaesthesia depth	Medhat Shalabi
17:20 – 17:40	Big is beautiful--TIVA in the obese	Edgard Simon
17:40 – 18:00	TIVA in pediatric population: is it feasible?	Owais Rafiq
18:00 – 18:20	TIVA in general anesthesia for cesarean section	Emilija Ivanov
18:20 – 18:40	Discussion	

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Day 3: 27th July 2025

Keynote Speaker

Chairperson: GD Puri		
08:30 – 08:50	Robotic anaesthesia: a vision for 2050	Thomas Hemmerling

Session 7: AI and role of telemedicine in healthcare

Chairperson: Raveenthiran Rasiah		
08:50 – 09:10	Perioperative pain management in children	Imran M. Alherz
09:10 – 09:30	Flying automated anaesthesia research into thin air: or is it time to land. Feasibility of TIVA in LMICs.	Yang Liqun
09:30 – 09:50	Tele ICU	Edgard Simon
9:50 - 10:10	Innovative Tele-ICU: Designing Seamless Systems, Integrating Advanced Devices and Optimizing Clinical Work Flows	
10:10 – 10:15	Discussion	

10:15 – 10:30 TEA Break

Session 8: : Panel discussion

Ethics in automated anaesthesia

10:30-12:10

Moderator: Amitabh Dutta	
Walking risk-benefit lines in automated anesthesia: Is it time to step up	Thuc Phuong Vu
Ethics of digital innovations; Implementation in anaesthesia practice	Medhat Shalabi
The justice praxis for disseminating automated TIVA option: Reaching-out and driving-in the public stakeholder	Edgard Simon
Navigating ethical dilemmas in automated TIVA adoption	Owais Rafiq

Session 9: Panel discussion

TIVA/TCI in pain management

12:10-14:00

Moderator: Antonio Clemente	
Basic research on anaesthetic drugs	Manish Gupta
Justice for placebo in pain management	Fabrizio Benedetti
Intravenous labor analgesia: the future is here	Alex Sia Tiong Heng
The essential role of TIVA/TCI in enhanced recovery after surgery (ERAS)	Shalabi Medhat
Discussion	

SEMINAR HALL

CME SPECIAL FOR POSTGRADUATES

Day 1: 25th July 2025

Time	Event	
15:30-16:30	Session 1: Basic Principles of TIVA 1. Pharmacokinetics 2. Pharmacodynamics 3. Models driving TIVA	
16:30-17:30	Session 2: Foundations in sleep and anaesthesia 1. Intraoperative awareness 2. Clinical electroencephalography for anaesthesiologist 3. Depth of anaesthesia monitors: Similarities and differences	
17:30-18:30	Session 3: Intravenous analgesia- whats latest 1. Therapeutic potential of Angiotensin IV and related peptides in pain management 2. Recent Developments in Patient-Controlled Analgesia	Dr Chow Lok Hi

Day 2: 26th July 2025

Time	Event	
09:00- 10:00	SESSION 4: Propofol special 1. Propofol Infusion Syndrome 2. Ketofol 3 Ciprofol 4. MCT/LCT Propofol	
10:00-11:00	SESSION IN CRYSTAL HALL	
11:00-12:00	SESSION 5: TIVA beyond the operating room <ul style="list-style-type: none"> • Radiotherapy • POEM • ERCP • MRI/CT Sedation 	

Day 2: 26th July 2025

Time	Event
12:00-14:00	SESSION IN CRYSTAL HALL
14:00-15:00	<p>SESSION 6: PRO/CON</p> <ul style="list-style-type: none"> • To use or not to use nitrous oxide • Propofol based TIVA should be preferred in children • Dexmedetomidine is a better sedative agent than propofol in intensive care unit • Ketamine versus etomidate as an induction agent for tracheal intubation
15:00-16:00	<p>SESSION 7: Tips and tricks of using TIVA in special surgical populations</p> <ul style="list-style-type: none"> • TIVA in ophthalmic anaesthesia • Propofol TIVA for scoliosis repair surgery • TIVA for electroconvulsive therapy

DAY 3: 27th July 2025

Time	Event
9:00-10:00	<p>SESSION 8: Propofol revisited</p> <ul style="list-style-type: none"> • Propofol anaesthesia influences cancer recurrence: Myth or reality? • The effect of propofol anaesthesia on the systemic inflammatory response • The propofol-sparing effect of intravenous lidocaine
10:00-11:00	<p>SESSION 9: Drug errors in anaesthesia</p> <ol style="list-style-type: none"> 1. Pharmacological reversal agents for opioids ; naloxone 2. Pharmacological reversal agents for muscle relaxants; suggamadex 3. Calculations of drug dosages in the obese

WORKSHOP : AI IN ANAESTHESIA

Venue: The Lalit, Chandigarh

CO-ORDINATORS : PROF GD PURI, DR AMIT AGARWAL

Day 1: 25th July 2025

Time	Event	Speaker
08:00 – 08:15	Workshop registration	
08:15 – 09:00	Introduction and brief over view	
09:00 – 09:20	Ethical considerations and data privacy in AI applications	Amitabh Dutta
09:20 – 09:40	AI in practice in India	Amit Agarwal
09:40 - 10:00	TEA BREAK AND NETWORKING	
10:00 - 10:20	AI Applications and Techniques for time series biomedical signals	Merin Loukrakpam
10:20-10:40	Role of parallel and distributed AI/ML in healthcare	Nitin Auluck
10:40 - 11:20	SESSION 6: Clinical applications of AI : 1.An AI Method in predicting depth and tube size for double lumen endotracheal tube 2.Non linear time series based AI model to predict outcome in cardiac surgery	Dr Edmund Cheung So Sushant/Rajarajan
11:20 – 12:40 Division of workshop delegates into four groups Critical appraisal of published articles (4 articles will be discussed)		
12:40-01:30	AIML in healthcare from resource constrained setting	Kshitij Jadhav

ABSTRACT SUBMISSION

Instructions for Abstract Preparation.

1. All abstracts must be submitted in English and must be e mailed at worldsivacongress2025@gmail.com.
2. LANGUAGE: Abstract must be typed and presented in English with Font Size as 12 and Font style as Arial Black
3. WORD LIMIT: The abstract must be written within 500 words (excluding title, author names, affiliations, and references).
4. CONTENT: The submitted abstracts must contain the following (Also the attached Word File)
 - TITLE: The title must be typed in CAPITAL LETTERS, except for scientific names which should be in upper and lower case forms and italicized.
 - Author's Detail: The presenting author's name must be underlined and in CAPITAL Letters.
 - Affiliations: The presenting author's Affiliation must be underlined and should include all Co-Author's Affiliations.
 - Objectives: State the main objective of the study.
 - Materials and Methods: Briefly describe the design of the study and how it was conducted.
 - Results: Present the main results with appropriate statistics.
 - Conclusion: Limit the conclusions to those parts directly supported by the results.
 - Reference.
5. The presenting author and Co-Author's names, institutions, telephone, and email address must be provided. Presenting authors must register for the conference. Registration number to be mentioned in abstract.
6. DEADLINE:
 - Last date for abstract submission: 25th April 2025.
 - Deadline to intimate delegates about abstract selection and complete registration process: 31st May 2025.
7. Abstracts are to be categorized as original research, case report, case series , others. A note after references should mention whether Abstract is to be considered for award under category of TIVA/ TCI or General Anaesthesia.

Abstract submitters will receive an e-mail confirmation immediately after submitting their abstract. If you do not receive this e-mail, please contact:

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Review Process

The submitted abstracts will be examined anonymously by the ISA World SIVA Congress India 2025 Abstract Committee. The authors will be informed of acceptance/rejection of their abstract and the specification of final presentation via email by 31st May 2025

THE VENUE

The Lalit Chandigarh, is a a five-star deluxe hotel, draws inspirations from Le Corbusier in its interiors and architecture. Overlooking the Shivalik range, the hotel is located in Rajiv Gandhi IT Park – city’s business hub, just minutes away from the railway station and Airport.

LOCATION DETAILS

- Airport 9 kms
- Railway station 5 kms
- City Center 6 kms

Crystal hall with an area of 7600 sq feet is a pillarless conference hall that can be divided into two sections with a prefunction area which itself has an area of 3660 sq feet. Well manicured lawns (6522 sq feet) adjoining the crystal hall are ideal for outdoor breaks The convention hall on the first floor (1465 sq feet) can be doubled up as a Preview theatre. Seminar hall on level 2 hosts smaller meetings (1500 sq feet). Three premium meeting rooms (Quorum I/II/ III are adjoining the Seminar hall and are equipped with all modern amenities



ABOUT CHANDIGARH

Chandigarh, the capital of Punjab and Haryana, is a Union Territory in northern India known for its modernity and greenery. Designed by renowned French architect Le Corbusier, it's India's first planned city, famous for its grid-like layout, wide roads, and efficient urban planning. The city is consistently ranked among the cleanest in India and boasts a high standard of living. Chandigarh's name originates from the Chandi Mandir, a temple dedicated to Goddess Chandi.

Notable attractions include the Rock Garden, featuring sculptures made from industrial waste; Sukhna Lake, a serene spot for boating and evening strolls; the Rose Garden, Asia's largest rose collection; and the Capitol Complex, a UNESCO World Heritage Site. Sector 17 Market serves as the city's hub for shopping and leisure. A blend of Punjabi and modern culture is evident in its festivals, cuisine, and lifestyle. Chandigarh offers a unique mix of tradition and progress, making it a symbol of modern India.



PLACES NEAR CHANDIGARH



Nek Chand's Rock Garden



Sukhna Lake



Chandigarh Bird Park



Sector 17 Plaza



International Dolls Museum



IAF Heritage museum



Barog Railway Station



Timber Trail Ropeway

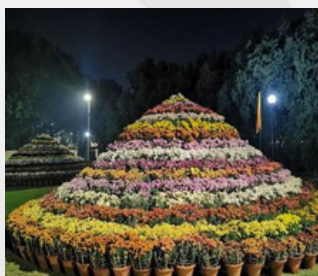


Mansa Devi Temple

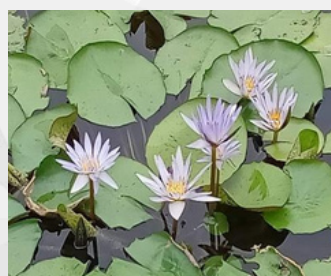
GARDENS IN CHANDIGARH



Japanese Garden



Terraced Garden



Botanical Garden



Garden of fragrance

REGISTRATION DETAILS



Early Bird Registration (Up to 15th March 2025)

PG Students (ISA Members): ₹11,800

PG Students (Non-ISA Members): ₹18,500

Delegates (ISA Members): ₹14,200

Delegates (Non-ISA Members): ₹22,400

Standard Registration (15th March - 30th April 2025)

PG Students (ISA Members): ₹14,750

PG Students (Non-ISA Members): ₹21,500

Delegates (ISA Members): ₹17,500 (inclusive of GST)

Delegates (Non-ISA Members): ₹25,750

International registration fee : 300 dollars