

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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Subramanian



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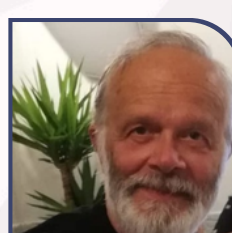
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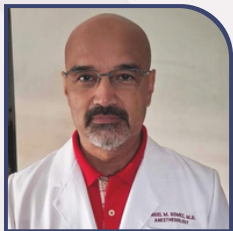
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Scientific Programme
ISA World SIVA Congress 2025
25th July 2025, *Crystal Hall, The Lalit Chandigarh*

14:30 - 15:00 Registration & Welcome address

Session 1: Starting with the basics

15:00 - 15:20 Target-Controlled Infusions: Principles, models and performance metrics
15:20 - 15:40 Devices for intraoperative use for TIVA/TCI

Session 2: Guidelines & best practices

15:40 - 16:00 Guidelines for TIVA administration
16:00 - 16:20 Tips and tricks to optimize TIVA-How I do it

Session 3 : TIVA & the brain

16:20 - 16:40 Monitoring depth-of-TIVA: Possessing processed EEG monitors
16:40 - 17:00 Intraoperative Monitoring of pain pathways



17:00 – 17:20



Session 4: Depth of anaesthesia

17:20 - 17:40 Awareness and dreaming during propofol TIVA- Emerging from the quagmire!
17:40 - 18:00 Neuroanaesthesia 2.0. TIVA/TCI with remifentanyl and neuroanaesthesia practice in India

Keynote Speaker

18:00 - 18:20 Monitoring hemodynamic stability with TIVA/TCI

Session 5: Ethics in automated anaesthesia

18:20-18:40 Ethics of digital innovations; Implementation in anaesthesia practice
18:40-19:00 The justice praxis for disseminating automated TIVA option: Reaching-out and driving-in the public stakeholder

SPECIAL SYMPOSIUM: High-altitude anaesthesia

19:00-19:10 Physics of altitude : O2 cascade at increasing altitudes, Volatiles and vaporisers
19:10-19:20 Why TIVA tops the list when we anaesthesia at top of the world
19:20-19:40. Closed loop anaesthesia at high altitude ; our experience

19:40

NETWORKING AND WELCOME SNACKS



ISA World SIVA Congress 2025
26th July 2025, *Crystal Hall, The Lalit Chandigarh*

Keynote Speaker

08:30 - 08:50

TIVA: The road traversed and what's ahead !

Dr GD Puri

Session 6: Pharmacology insights

08:50 - 09:10 Intraoperative use of vasoactive agents

09:10 - 09:30 Neuromuscular blockade-all you need to know in 2025

Session 7: Advancements in TCI and TIVA

09:30 - 09:50 New pharmacological treatment in pump infusion in chronic pain

09:50 - 10:10 PK/PD models for pediatric patients

Keynote Speaker

10:10 - 10:30

Remimazolam anaesthesia: Representative profiling and induction into clinical anaesthesiology



Session 8: Adjuvant drugs in propofol TIVA

11:00 - 11:20 Co-opting dexmedetomidine clinical pharmacology with propofol TIVA: Unwinding the rope

11:20 - 11:40 Lignocaine: Neurologic effects during propofol TIVA

Session 9: Resurfacing of Ketamine

11:40 - 12:00 Re-shrining ketamine into TIVA world: The challenges and benefits

12:00 - 12:20 Practical uses of ketofol in pediatric cath labs

Keynote Speaker

12:20 - 12:40

Implications of pharmacogenetics in anaesthesia practice

Dr Quirino Piacevoli

12:40-13:30.

LUNCH

SESSION 10: Anaesthesia and the cardiovascular system

13:30-14:00

PRO / CON Session: TIVA is better than Volatile Anesthesia for Cardiac Surgery

14:00-14:20

Perioperative management of patients with heart failure

SNIPPETS; LETS STAY TO THE POINT

14:00 - 14:10

DEXcellence; Mastering dexmedetomidine in regional anaesthesia

14:10. - 14:20

Opioid stewardship

ISA World SIVA Congress 2025
26th July 2025 (contd...) *Crystal Hall, The Lalit Chandigarh*

Session 11: TIVA in special surgical populations

- 14:20 - 14:40 Preoperative stress in Infant: how we can reduce it
- 14:40 - 15:00 Brain Health: a concern for anaesthesiologists and intensivists

Session 12: TIVA and anaesthetic outcomes

- 15:00 - 15:20 Perioperative risk factors and cancer surgery outcomes
- 15:20 - 15:40 Induction agents for intubation in trauma triage and effect on outcome



Session 11: TIVA in special patient populations

- 16:00 - 16:20 TIVA in the Elderly: Counting preserved cognition with precision anaesthesia depth
- 16:20 - 16:40 Big is beautiful--TIVA in the obese

Session 12: TIVA in mother and child

- 16:40 - 17:00 TIVA in general anesthesia for cesarean section
- 17:00 - 17:20 Perioperative pain management in children

Pre-recorded talk (17:20—17:40)

6PM: INAUGURATION

Followed by

**Gala Dinner
(7:30 PM)**





ISA World SIVA Congress 2025
27th July 2025 *Crystal Hall, The Lalit Chandigarh*

Keynote Speaker

08:30 – 08:50 Robotic anaesthesia: a vision for 2050

8:50-9:50 MASTERCLASS

Artificial Intelligence in Anaesthesia/Ethical issues of AI in research

Session 13: Clinical applications of AI

09:50 – 10:10 An AI Method in predicting depth and tube size for double lumen endotracheal tube

10:10 – 10:30 Tele ICU

Keynote Speaker

10:30 – 10:50 AI in obstetric anaesthesia

10:50 – 11:10

TEA Break

Session 14: Panel discussion - TCI in pain management

11:10-11:20 Principles of palliative care and pain medicine

11:20-11:30 The essential role of TIVA/TCI in enhanced recovery after surgery (ERAS)

11:30-11:40 Intravenous labor analgesia: the future is here

11:40-12:00 Patient controlled analgesia with TCI

Session 15: Peri-operative care

12:00 – 12:20 Perioperative management of patients with sepsis/septic shock

12:20 – 12:40 Brain Alert !!! Diagnosing Delirium

Session 16: Debates

12:40 – 01:00 Can strategies of mechanical ventilation help prevent Postoperative Pulmonary Complications (PPCs) during anaesthesia?

01:00 – 01:20 De-mystifying the “Mixifusor”. Single syringe versus multiple syringe system

Session 17: Critical incident reporting

01:20 – 01:40 Contamination of Propofol Infusions in the OR and Intensive Care

01:40 – 02:00 Acute and life-threatening remifentanyl overdose resulting from the misuse of a syringe pump

LUNCH

CONVENTION HALL
1ST FLOOR , THE LALIT , CHANDIGARH

CME SPECIAL FOR POSTGRADUATES



Day 1: 25th July 2025

Time	Topics
Session 1:	Contribution of pharmacokinetic (PK)/pharmacodynamic (PD) modeling to intravenous infusion anaesthesia
15:30-15:50	Pharmacokinetic principles <i>Compartment modelling, effect site concentration, context-sensitive plasma halftime</i>
15:50-16:10	Pharmacodynamic principles <i>Therapeutic serum concentrations: sedative-hypnotics and opioid analgesia</i>
Session 2: 16:10-16: 50 PANEL DISCUSSION	Too many TIVA models: What do I choose
Session 3: 16:50-17:20 SIMULATION BASED SESSION	Haemodynamic monitoring/TIVA Trainer
Session 4	Control strategies for clinical evaluation of propofol anesthesia administration
17:20-17:40	Introduction to Control System ; Open Loop, Closed Loop Systems
17:40-18:00	Patient safety for TIVA in India:10 commandments for the safe initiation of TIVA services in India



CONVENTION HALL
1ST FLOOR, THE LALIT, CHANDIGARH

CME SPECIAL FOR POSTGRADUATES



DAY 2; 26th July 2025 (Pre-lunch)

SESSION 5: 09:00- 09:30		Critical appraisal of publications on TIVA
SESSION 6:	Phenol derivatives and new formulations of propofol	
09:30-09:45	Ciprofol, Fospropofol / MCT/LCT Propofol	
09:45-10:00	Propofol Infusion Syndrome	
10:00-11:00	<p>PBLD: Problem-Based Learning Discussion Perioperative management of patient with heart disease in non-cardiac surgery <i>An interactive learning experience designed to deepen your expertise through real-world scenarios in clinical practice where you'll engage directly with expert facilitators and peers to explore complex cases, discuss challenges, and develop practical solutions together.</i></p> <p><i>Each session limited to a small group of no more than 25 participants</i></p>	
SESSION 7:	How do I do it	
11:00-11:15	How to do TIVA in obese: tips & tricks	
11:15-11:30	TIVA in shared airway	
SESSION 8:	Managing depth of Anaesthesia	
11:30-11:45	DOA (Depth of anaesthesia) monitor malfunction during TIVA: How do I manage the depth?	
11:45-12:00	Striking the right balance between depth of anaesthesia and blood pressures	
SESSION 9:	Anaesthesia for surgical emergencies—Case based discussions	
12:00-12:20	The bleeding tonsils	
12:20- 12:40	The ruptured brain aneurysm	



CONVENTION HALL
1ST FLOOR, THE LALIT, CHANDIGARH

CME SPECIAL FOR POSTGRADUATES



DAY 2; 26th July 2025 (Post-lunch)

SESSION 10:	PRO/CON SESSION
14:00-14:20	To use or not to use nitrous oxide
14:20-14:40	Preoxygenation with Positive End-Expiratory Pressure (PEEP) during anesthesia induction
SESSION 11:	Support/ refute the statement- Critical care
14:40-1500	Artificial Intelligence in Infection Management in the ICU
15:00-15:20	Dexmedetomidine is a better sedative agent than propofol in intensive care unit
SESSION 12	TIVA in special surgical populations
15:20-15:40	Ophthalmic anaesthesia
15:40-1600	Scoliosis repair surgery
SESSION 13	Current opinion in intraoperative anaesthetic management
16:00-16:20	Intraoperative lung protection: strategies and their impact on outcomes
16:20-16:40	Optimizing FGF for TIVA ; going down to metabolic flows
16:40-17:40	<p>PBLD: Problem-Based Learning Discussion Perioperative management of patient with acute brain injury <i>An interactive learning experience designed to deepen your expertise through real-world scenarios in clinical practice where you'll engage directly with expert facilitators and peers to explore complex cases, discuss challenges, and develop practical solutions together.</i></p> <p><i>Each session limited to a small group of no more than 25 participants</i></p>



CONVENTION HALL
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CME SPECIAL FOR POSTGRADUATES

DAY 3; 27th July 2025

SESSION 14	Anti inflammatory and anti-oxidant properties of propofol
9:00-09:20	Propofol anaesthesia influences cancer recurrence: myth or reality?
09:20-09:40	The effect of propofol anaesthesia on the systemic inflammatory response
SESSION 15 09:40-10:20 PANEL DISCUSSION	CPET for preoperative evaluation: What does the future hold?
SESSION 16	Errors in calculation of drug dosages
10:20-10:40	Geriatric patient - Too much, too little, or just right?
10:40-11:00	Calculations of drug dosages in preterms
SESSION 17: 11:00-11:40 PANEL DISCUSSION	TIVA & Pharmacologic agents & Malignant hyperthermia
SESSION 18:	Pharmacological reversal agents
11:40-11:55	Reversal agents for opioids ; naloxone
11:55-12:10	Reversal agents for muscle relaxants; suggamadex
12:10-1:00	QUIZ

LIMITED SEATS

PRE CONFERENCE WORKSHOP

HIGHLIGHTS OF WORKSHOP

- RENOWNED INTERNATIONAL & NATIONAL FACULTY
- CASE BASED DISCUSSIONS
- ALL WORKSHOPS INCORPORATE DEDICATED SESSIONS RELATED BASICS OF TIVA/TCI, ITS APPLICATION, DEMONSTRATIONS
- EARLY BIRD OFFER OF RS 1500 ONLY

Airway Management

-Role of TIVA/TCI: pharmacological preparation of the patient for awake fibre optic intubation - Hands on training on basic and advanced airway equipment

NORA & Procedural sedation

Video based clinical cased discussions for procedural sedation in CT, MRI, DSA, ECT, ERCP, Endoscopy, radiotherapy, POEM, etc

Tiny tots

-Dose calculations for TIVA/TCI in pediatric patients
- Hands on training on management of pediatric crisis—
Simulation based sessions

Obstetric

- Role of TIVA/TCI: pharmacological challenges of the pregnant patient
--Labour analgesia

Haemodynamic monitoring

-Management of hemodynamics in TIVA
-Latest trends, devices, gadgets
-Role of AI
-Hands on training on POCUS

Depth of anaesthesia monitoring

-TIVA, EEG and the brain state
-MEP, SSEP

CONFERENCE REGISTRATION IS MANDATORY

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: 15th June 2025.
 - Deadline to intimate delegates about abstract selection and complete registration process: 15th June 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:

+91 9003242109 | +91 8194800554 | +91 9946606752

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 30th June 2025

ISA WORLD SIVA CONGRESS 2025

(25th-27th July, 2025)

VENUE: THE LALIT, CHANDIGARH

AWARD CATEGORY
(TIVA, Non TIVA)

TIVA/TCI SPECIAL AWARD PAPERS
(ORAL PRESENTATIONS)

**AWARD PAPERS (ORAL PRESENTATIONS-
NON TIVA/TCI CATEGORIES)**

WIN
Attractive
Prizes!!



Scan for Registration

www.worldsivacongress.com

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

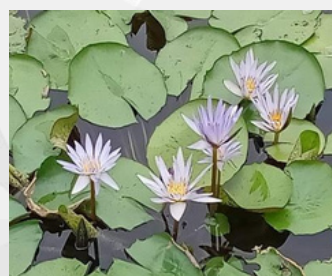
GARDENS IN CHANDIGARH



Japanese Garden



Terraced Garden



Botanical Garden



Garden of fragrance



REGISTRATION FOR CONFERENCE

Early Bird Registration finishes on 18th June 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 Start From 18th June 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

REGISTRATION FOR WORKSHOP

**Early bird
₹1500**

**Standard
₹2000**

Only registered delegates for conference are eligible to enrol for pre conference work shop after pay ment of workshop fee