

# ISA WORLD SIVA CONGRESS 2025

— (25th-27th July, 2025) —

VENUE: THE LALIT, CHANDIGARH

## Venue Layout



Crystal Hall



CONVENTION Hall



SEMINAR Hall



RUPA BAI FURDOONJI HALL



JOHN BAIRD HALL



SUSHRUTA HALL



posters



AI center and innovation hub



WORKSHOP



# Crystal Hall

Ground floor, The Lalit

# SCIENTIFIC PROGRAM

## ISA World SIVA Congress 2025

### 25th July 2025, Crystal Hall, The Lalit

#### DAY 1

14:30  
–  
15:00

Registration & Welcome address

### STARTING WITH THE BASICS

Chairperson: Quirino Piacevoli, B. Radhakrishnan, Sanjeev Palta

15:00 – 15:20 Target-Controlled Infusions: Principles, models and performance metrics

15:20 – 15:40. Devices for intraoperative use for TIVA/TCI

#### SPEAKERS

Kenichi Masui

Edgard Simone

SESSION  
1

### GUIDELINES & BEST PRACTICES

Chairperson: G D Puri, Chakra Rao, Chaoba Singh, Amardeep Kaur

15:40 – 16:00 Guidelines for TIVA administration

16:00 – 16:20 Tips and tricks to optimize TIVA-How I do it

#### SPEAKERS

Medhat Shalabi

Shishir Chandrashekhar

SESSION  
2

### TIVA & THE BRAIN

Chairperson: Avinash Sinha, R.K. Bhaskar, Nandan Upadhyaya, Ankit Agarwal

16:20 – 16:40 Monitoring depth-of-TIVA: Possessing processed EEG monitors

16:40 – 17:00. Intraoperative Monitoring of pain pathways

#### SPEAKERS

Suraphong Lorsomradee

Kenichi Masui

SESSION  
3



17:00 – 17:20



tea time

### DEPTH OF ANAESTHESIA

Chairperson: Neeta Bose, Umesh Ramtani, Y.S.Payal

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; neuroanaesthesia practice in India

#### SPEAKERS

Emilija Ivanov

Vishwanathan

SESSION  
4

18:00  
–  
18:20

### KEYNOTE SPEAKER

Chairperson: Ma Daqing, Manoj Kumar, Nishant Kumar, Puneet Goyal  
Monitoring hemodynamic stability with TIVA/TCI

SURAPHONG  
LORSOMRADEE

### ETHICS IN AUTOMATED ANAESTHESIA

Chairperson: Indu Sen, Rohit Bansal, Ritu Gupta, Bharat Paliwal  
Moderator: Amitabh Dutta

18:20-18:35: Ethics of digital innovations; Implementation in anaesthesia practice

18:35- 18:50: The justice praxis for disseminating the automated TIVA option: Reaching out and driving in the public stakeholder

18:50-19:10: Navigating ethical dilemmas in automated TIVA adoption

#### SPEAKERS

Medhat Shalabi

Edgard Simone

Owais Rafiq

PANEL  
DISCUSSION

# **SCIENTIFIC PROGRAM**

**ISA World SIVA Congress 2025**  
**26th July 2025, Crystal Hall, The Lalit**  
**DAY 2**



## Breakfast Session (Learn from the experts)

08:00 – 09:00 PBLD: Cardiac patient for non-cardiac surgery

GD Puri, Rajarajan, Ashish Singh Aditya, Atul Aman, Neetu Kumari

09:00  
–  
09:20

### KEYNOTE SPEAKER

Chairperson: Quirino Piacevoli, Srinivasalu, Dr. Surinder Singh Sodhi, Vivek Mittal

TIVA: THE ROAD TRAVERSED AND WHAT'S AHEAD !

GD Puri

## CRITICAL APPRAISAL OF BEST PUBLICATIONS ON TIVA

09:20 – 09:50 Chairperson: Sukhminder Bajwa, Nishkarsh Gupta, Ridhima Sharma, Venkata Ganesh

### SPEAKERS

Divya Jain  
Divya Shrivastava

SESSION  
6

## ADVANCEMENTS IN TCI AND TIVA

Chairperson: Srinivasalu, Sanjeev Kumar Chawriya, Deepanjali, Archana Koul

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

### SPEAKERS

Sung-Heon Lee

SESSION  
7

10:10  
–  
10:30

### KEYNOTE SPEAKER

Chairperson: Edmund Cheung So, Deepak Malviya, Sadhana Sanwatsarkar, Nidhi Panu

Remimazolam anaesthesia: Representative profiling and induction into clinical anaesthesiology

Satoshi Hagihira



## SPECIAL SESSION

Chairperson: Raveenthiran Rasiah, Sushila Takshak, Pramod Kumar, Deepti Mehta

11:00 – 11:20 Initial Resuscitation in Septic Shock, Challenges and Controversies

### SPEAKERS

Sheila Nayan  
Myatra

## ADJUVANT DRUGS IN PROPOFOL TIVA

Chairperson: Nitin Sethi, Amitabh Dutta, Amardeep Kaur, Priyanka Sethi

11:20 – 11:40 Co-opting dexmedetomidine clinical pharmacology with propofol TIVA: Unwinding the rope

### SPEAKERS

Angel Gomez

SESSION  
8

## RESURFACING OF KETAMINE

Chairperson: Rajiv Pradhan, Sangita Patil, Aakriti Gupta

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

### SPEAKERS

Raveenthiran  
Rasiah  
Thomas Koshy

SESSION  
9

12:20  
–  
12:40

### KEYNOTE SPEAKER

Chairperson: J Balavenkat, Sukhminder Bajwa, PL Gautam, Bhimeshwar M.V

IMPLICATIONS OF PHARMACOGENETICS IN ANAESTHESIA PRACTICE

QUIRINO PIACEVOLI

12:40-13:30 **LUNCH**

## PRO/CON SESSION

Chairperson: Satoshi Hagihira, Balbir Chhabra, Rupinder Kaur Kaiche, Rajasekhar D

13:30-14:00 PRO / CON Session:

TIVA is better than Volatile for Cardiac Surgery

### SPEAKERS

Pro: Suraphong  
Lorsomradee

Con: Daqing Ma

SESSION  
10

# ISA World SIVA Congress 2025

## 26th July 2025, Crystal Hall, The Lalit Chandigarh

### PERIOPERATIVE OUTCOMES

Chairperson: GD Puri, Vikas Saini, RC Aggarwal, Puneet Goyal

14:00 – 14:20 Perioperative management of patient with heart failure

#### SPEAKERS

Satyajit Mishra

SPECIAL  
SESSION

### TIVA IN SPECIAL SURGICAL POPULATIONS

Chairperson: Ma Daqing, Brigadier Prabhakar, Kavita Lalchandani, Sumanlata

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

#### SPEAKERS

Imran M. Alherz  
Bernd Walter  
Bottiger

SESSION  
11

### PERIOPERATIVE OUTCOMES

Chairperson: Sadhna Sanwatsarkar, Chandrasekharan Cham, Balbir Kumar

15:00 – 15:20 Perioperative risk factors and cancer surgery outcomes

15:20 – 15:40 The essential role of TIVA/TCI in ERAS

#### SPEAKERS

Raveenthiran Rasiiah  
Medhat Shalabi

SESSION  
12

15:40  
–  
16:00

### TRANSPLANT SESSION

Col RC Agarwal, Sujata Ghosh, Shilpa Tiwaskar, Ashish Singh Aditya

ANAESTHESIA FOR PEDIATRIC LIVER TRANSPLANT

Sekar L



Coffee

tea time



### TIVA IN MOTHER AND CHILD

Chairperson: Suresh Singhal, Manoj Kamal, Neeru Sahni, Vighnesh Ashok

16:20 – 16:40 TIVA in pediatric population: is it feasible?

16:40 – 17:00 TIVA in general anesthesia for cesarean section

17:00 – 17:20 Perioperative pain management in children

#### SPEAKERS

Owais Rafiq  
Emilia Ivanov  
Imran M Alherz

SESSION  
13

### TIVA IN SPECIAL PATIENT POPULATIONS

Chairperson: Quirino Piacetoli, Chhaya Suryavanshi, Kiran Bhatia, Arunpandiyar V, Minati Choudhury

17:20 – 17:40 TIVA in the Elderly: Counting preserved cognition with precision anaesthesia depth

17:40 – 18:00 Big is beautiful--TIVA in the obese

#### SPEAKERS

Medhat Shalabi  
Edgard Simone

SESSION  
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Pre-recorded talk (18:00 – 18:20)

Placebo Effect: How words and drugs share a common mechanism of action

**Fabrizio Benedetti**



**6:30 PM: INAUGURATION  
FOLLOWED BY  
GALA DINNER  
(7:30 PM)**



# **SCIENTIFIC PROGRAM**

**ISA World SIVA Congress 2025**  
**27th July 2025, Crystal Hall, The Lalit**  
**DAY 3**

## Breakfast Session (Learn from the experts)

Prasanna Udupi Bidkar  
Nitasha Mishra  
Ashwini Reddy  
Amiya Kumar Barik

**08:00 – 09:00** Acute Intraoperative Brain Bulge

**09:00 – 09:20**

### KEYNOTE SPEAKER

Chairperson: GD Puri, Naveen Malhotra Mukul Kumar Jain, Ishwar Bhukkal

**Robotic anaesthesia: a vision for 2050**

Avinash Sinha

## CLINICAL APPLICATIONS OF AI

Chairperson: S Ramesh, Atul Gandhi, Ajay Singh, Komal Gandhi, Venkata Ganesh

**09:20 – 09:40** An AI Method in predicting depth and tube size for double lumen endotracheal tube

**09:40 – 10:10** Tele ICU

### SPEAKERS

Edmund Cheung  
So

Edgard Simone

SESSION  
15

**10:10 – 11:00**

**Master Class - AI in Anaesthesia**

Rakesh Garg



**11:20 – 11:40**

### KEYNOTE SPEAKER

Chairperson: Edgard Simone, S. Parthasarthy, Lakshmi Tulasi

**AI IN OBSTETRIC ANAESTHESIA**

Alex Sia Tong Heng

## TCI IN PAIN MANAGEMENT

Chairperson: Vanita Ahuja, Ishwar Bhukal, Naveen Malhotra, Manoj Kamal

**11:40-12:00** Intravenous labor analgesia: the future is here

### SPEAKER

Alex Sia Tong Heng

SESSION  
16

## ANAESTHESIA FOR SURGICAL EMERGENCIES – CASE BASED DISCUSSIONS

Chairperson: Chintala Kishan, Sonia Aneja, Gauri Gangakhedkar, Deepika Gupta, Indu Sen, Anjolie Chhabra

**12:00–12:15** Intubation in a polytrauma patient with maxillofacial injury

**12:15- 12:30** The ruptured brain aneurysm

### SPEAKERS

Bismanjeet Kaur  
Zulfiqar Ali

SESSION  
17

## PROBLEM BASED LEARNING

Chairperson: Neeraj Kumar, Simranjeet Singh, Swati Jindal

**12:30 – 12:50** Role of TIVA in shared Airway

### SPEAKERS

Abhijit

SESSION  
18

## DEBATES

Chairperson: Gurcharan Singh, Shiv Lal Soni, Avneet Singh, Ananya Ray

**12:50 – 01:10** Can strategies of mechanical ventilation help Postoperative Pulmonary Complications (PPCs) during anaesthesia?

**01:10 – 01:30** De-mystifying the “Mixifusor”. Single syringe versus multiple syringe system

### SPEAKERS

*Pro-* Arshi Taj  
*Con-* Bhavana Gupta

*Single syringe-* Nitin Choudhary  
*Multiple syringe -* Swati Singh

SESSION  
19

## CRITICAL INCIDENT REPORTING

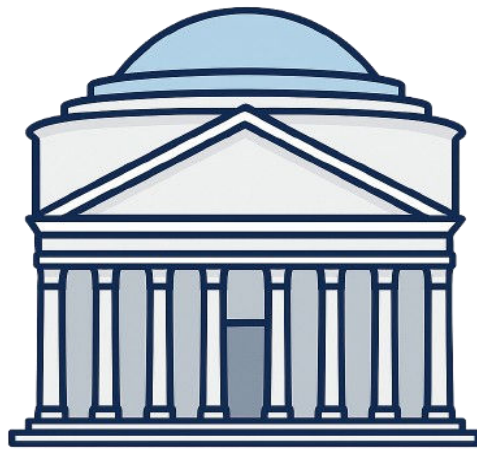
Chairperson: Guru Dutt Sharma, Ashutosh Sharma, Mukta Singla, Divya Jain, Minati Choudhury

**01:30 – 1:50** Contamination of Propofol Infusions in the OR and Intensive Care

### SPEAKERS

Richa Saroa

SESSION  
20



# CONVENTION HALL

*First floor, The Lalit*





# CONVENTION HALL

First floor, The Lalit

## CME SPECIAL FOR POSTGRADUATES



**DAY 1: 25<sup>TH</sup> JULY 2025**

Time	Topics	Speaker
 <b>SESSION 1</b>  <b>15:30-15:50</b>  <b>15:50-16:10</b>	<b>Intravenous infusion anaesthesia and PK/PD</b> <i>Chairpersons: Heena Chhanwal, RPS Gehdoo, Reena Mahajan, Varun Mahajan</i>	
	<b>Pharmacokinetic principles</b> Compartment modelling, effect site concentration, context-sensitive plasma halftime	<i>Sripriya R</i>
	<b>Pharmacodynamic principles</b> Therapeutic serum concentrations: sedative-hypnotics and opioid analgesia	<i>Neeru Sahni</i>
 <b>SESSION 2</b>  <b>16:10-16:50</b> <b>PANEL DISCUSSION</b> 	<b>Too many TIVA models: What do I choose</b> <i>Chairpersons: Richa Saroa, Prem Raj Singh</i> <i>Moderator: Vinod Kumar</i>	<i>Panelist:</i> <i>Tushar Bhavar,</i> <i>Subbulakshmi Sundaram,</i> <i>Venkata Ganesh,</i> <i>Vikas Saini</i>
 <b>SESSION 3</b>  <b>16:50-17:20</b> <b>SIMULATION BASED SESSION</b>	<b>The Haemodynamic Code: Making Evidence-Based Hemodynamic Decisions</b> <i>Chairpersons: Indrani Hemantkumar, Rama Krishna Reddy, Vivek Chakole, Minati Choudhury</i>	<i>Hetal Shah, Sandhya Raghu, Mayank Massand, Ananya Ray</i>
 <b>SESSION 4</b>  <b>17:20-17:40</b>  <b>17:40-18:00</b>  <b>18:00-18:10</b>	<b>Control strategies for clinical evaluation of propofol anesthesia administration</b> <i>Chairpersons: Robina Makker, Suneeta Dutta, Praveen Kumar Moturi, Chetna Agrawal</i>	
	Introduction to Control System ; Open Loop, Closed Loop Systems	<i>Shivakumar MC</i>
	Patient safety for TIVA in India: 10 commandments for the safe initiation of TIVA services in India	<i>Gaurav Kakkar</i>
	ISA NATIONAL FBF SESSION	<i>Anurag Garg</i>



# CONVENTION HALL

First floor, The Lalit

## CME SPECIAL FOR POSTGRADUATES



**DAY 2; 26<sup>TH</sup> JULY 2025**






Time	Topics	Speaker
<b>SESSION 5</b> 09:00-09:20 09:20-09:40	<b>Pharmacology insights</b> <i>Chairperson: Satoshi Hagihira, Shital Dalal, Bhawna Rastogi</i> Basic research on anaesthetic drugs; newer drugs available for TIVA/TCI Neuromuscular blockade-all you need to know in 2025	<i>Edmund Cheung So</i>  <i>Bojan Bagi</i>
<b>SESSION 6</b> 09:40-09:55 09:55-10:10	<b>Phenol derivatives and new formulations of propofol</b> <i>Chairpersons: Shalini Sardesai, Naseema Kanase, Rekha Solanki</i> Ciprofol, Fospropofol / MCT/LCT Propofol Propofol Infusion Syndrome	<i>Rashmi Datta</i> <i>Suvarna Kaniyil</i>
10:10-10:30	<b>SESSION IN CRYSTAL HALL</b>	
10:30 -11:00	<b>Coffee Break</b> 	
<b>SESSION 7</b> 11:00-11:15 11:15-11:30	<b>Pharmacodynamic Balance</b> <i>Chairpersons: Sanhita Kulkarni, Kapil Singhal, Sandip Kapadiya, Amrisha Raipure</i> Lignocaine: Neurologic effects during propofol TIVA Striking the right balance between depth of anaesthesia and blood pressures	<i>Preethy Mathews</i> <i>Nagalakshami</i>
<b>SESSION 8</b> 11:30-11:45 11:45-12:00	<b>How I do it</b> <i>Chairpersons: Ajita Annachatre, Jaya Lalwani, Geeta Singariya</i> TIVA in high altitude TIVA in obese: tips & tricks	<i>GD Puri</i> <i>Nandita Mehta</i>
12:00-12:20	<i>Chairpersons: Avinash Sinha, Quirino Piacevoli, Owais Rafiq</i> Consensus statement by Indian Experts on the use of processed EEG for intraoperative consciousness monitoring	<i>Sukhminder Bajwa/Nishkarsh Gupta</i>
<b>Lunch break</b>		
<b>SESSION 9</b> 13:30-14:00 14:00-14:30	<b>PRO/CON SESSION</b> <i>Chairpersons: Chow Lok Hi, Vikram Vardhan, Anjali Modak</i> To use or not to use nitrous oxide Preoxygenation with Positive End-Expiratory Pressure (PEEP) during anesthesia induction	 <i>Pro- Renu Wakhloo</i> <i>Con- Anju Gupta</i>  <i>Pro- Mridul Dhar</i> <i>Con- Shraddha Naik</i>

# CONVENTION HALL

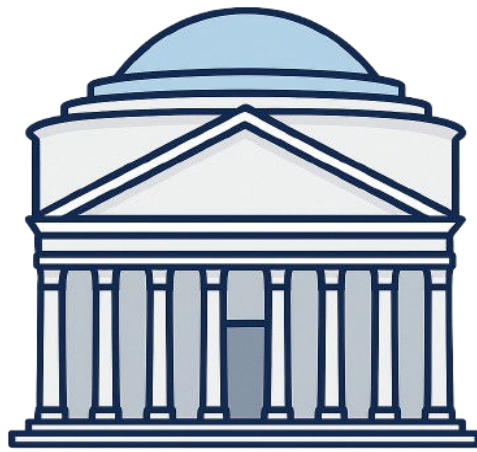
First floor, The Lalit

## CME SPECIAL FOR POSTGRADUATES

DAY 2; 26<sup>TH</sup> JULY 2025

Time	Topics	Speaker
 <b>SESSION 10</b>  <b>14:30-1500</b>  <b>15:00-15:30</b>	<b>Support/ refute the statement- Critical care</b> <i>Chairpersons: Manisha Katikar, Yashveer Arya, Sachin Makde</i>  Artificial Intelligence in infection management in the ICU Dexmedetomidine is a better sedative agent than propofol in intensive care unit	  <i>Support: Gourav Mittal</i> <i>Refute: Priyanka</i>  <i>Support: Payal Jain</i> <i>Refute: Pratheeba Natarajan</i>
 <b>SESSION 11</b>  <b>15:30-15:50</b> <b>15:50-16:10</b>	<b>TIVA in special surgical populations</b> <i>Chairpersons: Rasesh Diwan, Satayanarayan, Ghazala Shabeen, Priyanka Sethi</i>  Ophthalmic anaesthesia Scoliosis repair surgery	   <i>Ridhima Sharma</i> <i>Swagata Tripathi</i>
 <b>SESSION 12</b>  <b>16:10-16:30</b>  <b>16:30-16:50</b>	<b>Current opinion in intraoperative anaesthetic management</b> <i>Chairpersons: Rupali Namdev, Suvarna Bannerji, Padma Vishal, Harsimranjit Singh, Anil Verma</i>  Intraoperative lung protection: strategies and their impact on outcomes Optimizing FGF for TIVA ; going down to metabolic flows	   <i>Sandeep Sahu</i>  <i>Nishant Sahay</i>
 <b>SESSION 13</b>  <b>16:50-17:05</b>	<b>Management of perioperative red flags</b> <i>Chairpersons: Sanjeev Palta, Vikas Saini, Kapil Singhal, Richa Saroa</i>  Bleeding tonsils	   <i>Sangeeta Khanna</i>





# SEMINAR HALL

*Second floor, The Lalit*



# SEMINAR HALL

*Second floor, The Lalit*

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**DAY 1; 25<sup>TH</sup> JULY 2025**

**ORAL PRESENTATIONS (4PM ONWARDS)**



# SEMINAR HALL

*Second floor, The Lalit*

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**DAY 2; 26<sup>TH</sup> JULY 2025**

**ORAL PRESENTATIONS (09:30 AM ONWARDS)**



# SEMINAR HALL

Second floor, The Lalit



DAY 3; 27<sup>TH</sup> JULY 2025



Time	Topics	Speaker
 <b>SESSION 1</b>  <b>9:00-09:20</b>  <b>09:20-09:40</b>	<b>Anti inflammatory and anti-oxidant properties of propofol</b> <i>Chairpersons: Sri Vani Sailaja Ganti, Tarundeep Bhatia, Veenita Sharma, Balbir Kumar</i>	
	Propofol anaesthesia influences cancer recurrence: myth or reality? The effect of propofol anaesthesia on the systemic inflammatory response	<i>Smriti Anand</i>  <i>Srilata M</i>
 <b>SESSION 2</b>  <b>09:40-10:10</b> <b>PANEL DISCUSSION</b>  	<b>CPET for preoperative evaluation: What does the future hold?</b> <i>Chairpersons: Govardhani, D. Rajasekhar, Mallikaarjun Panshetty</i> <i>Moderator: Kiran Sandhu</i>	<i>Panelists</i> <i>Amit Kohli, Suneeta Dutta, Tripat, Ranjita Acharya, Vijayalakshmi, Neeraj Kumar</i>
 <b>SESSION 3</b>  <b>10:10-10:30</b>  <b>10:30-10:50</b>	<b>Errors in calculation of drug dosages</b> <i>Chairpersons: Tanveer Singh, Allu Padmaja, Manvir singh</i>	
	Geriatric patient - Too much, too little, or just right?	<i>Nethra SS</i>
	Calculations of drug dosages in preterms	<i>H.M.Krishna</i>
<b>10:50 - 11:00</b>	<b>Coffee Break</b> 	
 <b>SESSION 4</b>  <b>11:00 - 11:30</b> <b>PANEL DISCUSSION</b>  	<b>Pharmacological reversal agents</b> <i>Chairpersons: Rupinder Kaur, Amardeep Kaur, Komal Gandhi</i> <i>Moderator: Nirupama Bansal</i>	<i>Panelists</i> <i>Divya Gupta, Shelly Rana, Kunal Sharma, Naveen Paliwal, Pooja Bihani</i>
<b>PANEL DISCUSSION</b> <b>11:30-12:00</b>  	<i>Chairpersons: Ishwar Bhukal, Anita Chouhan, Jagdeep</i> <i>Moderator: Sahil Garg</i> Malignant Hyperthermia	<i>Panelists</i> <i>Ashwini Reddy, Savinder Sethi, Athira Ramesh, Deepika, Neha Garg</i>



# SEMINAR HALL

*Second floor, The Lalit*

**DAY 3; 27TH JULY 2025**

Time	Topics	Speaker
 <b>SESSION 5</b>	<b>Anaesthesia and its environmental impact: approaches to minimize the carbon footprint (CF)</b> <i>Chairpersons: Manoj Kamal, Anita Kour, Ashwini Reddy</i>	
<b>12:00 - 12:20</b>	Metabolic Flows	<i>Aditi Jain</i>
<b>12:20 - 12:40</b>	Modern inhaled anaesthetics - impact in long and short duration surgeries	<i>Vijayanthi V</i>
 <b>SESSION 6</b>	<b>Choosing from the Pandora Box</b> <i>Chairpersons: Sanjeev Palta, Anita Chouhan, Ankita Bhasin</i>	
<b>12:40 - 1:00</b>	Lung Protective Ventilation in the operating room	<i>Ajay Singh</i>



## ISA WORLD SIVA CONGRESS 2025.

### ABSTRACTS FOR SEMINAR HALL-- SUBCATEGORY "PEDIATRICS"

Venue: LEVEL 2, The Lalit, Chandigarh

Day 1: 25<sup>th</sup> July

Time : 4:00 pm onwards

GROUP A: ORIGINAL ARTICLES – 4:00 PM – 5:00 PM		
1	Saumya Pant	Carbon footprints of sevoflurane v/s desflurane in the pediatric population : roadmap to green anesthesia
2	Nootan Maru	To compare the efficacy of intranasal dexmedetomidine versus intranasal midazolam in paediatric patients undergoing MRI: a prospective randomized clinical study.
3	Anushree Mohan	Comparison of smartphone and paper version of numerical rating scale for pain assessment in children
4	Anil Kumar Meena	Anaesthetic management and outcomes in bronchoscopy in children: a 2 years retrospective study.
5	Kanupriya Sharma	Efficacy and safety of two different doses of intranasal dexmedetomidine in pediatric patients for non invasive procedure under non operating room anesthesia: a randomized double blind controlled study.
GROUP B : CASE REPORTS - 5:00 PM – 6:30 PM		
1	Anushree Mohan	Tetralogy of Fallot with pulmonary atresia in a neonate: anaesthetic and surgical management challenges – a case report
2	Jasmeet Singh	Video assisted thoracoscopic surgery (VATS) in a paediatric patient and anesthetic challenge
3	Rohan Deb	Anaesthetic management of a case of congenital diaphragmatic hernia: a case report
4	Sawai Singh	Effect of change in PEEP on ventilation and perfusion in Congenital Diaphragmatic Hernia
5	Palak Zala	TIVA for Pediatric Diagnostic Bronchoscopy in Suspected Aspergillosis:An Anaesthetic Perspective
6	Shincy Rajan	Anaesthetic Management of a child with Mucopolysacchridosis
7	Parth Gupta	MRI Brain In A Child With Di-George Syndrome Under TIVA
8	Pooja Shakar	Anesthetic considerations for ocular surgery in a patient with Stevens-Johnson syndrome

#### Instructions for presenters :

- All presenters to kindly report to the Registration Desk between 2:30- 3:00 pm on 25-7-2025 and sign the attendance sheet.
- Presentation certificates will be issued only to those who have signed the sheet

Note: Sheet will not be available for signatures after 3 PM

- Please be seated in Crystal Hall after lunch for session 1. After the session, an announcement will be made for presenters to proceed to Level 2 (Seminar Hall) for their presentations
- A lift is available for access Level 2, adjoining stairs can be used by the enthusiastic younger lot!

**Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.**

**Instructions for judges:**

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

**Co-ordinators for subcategory of pediatrics are :**

Dr Aakriti , Ass Prof. M-8194800554

Dr Aditi , Ass Prof M-9876065424



## ISA WORLD SIVA CONGRESS 2025.

### ORIGINAL ARTICLES—Non TIVA/TCI

**Venue :** SEMINAR HALL LEVEL 2, The Lalit, Chandigarh

**Date:** 26<sup>th</sup> July 2025.

**Time:** 8:00 am onwards

<b>GROUP A : PHARMACOLOGY 8:00 – 10:00 AM</b>	
DNS karthik	Comparison between propofol and thiopentone for laryngeal mask airway insertion in double puncture laparotomy for sterilization
Penna Srihitha	Effect of sugammadex versus neostigmine/glycopyrrolate combination on peak expiratory flow rates in adult patients
Nisbah begum	Comparison between rocuronium and succinylcholine for effective face mask ventilation during induction of general anaesthesia: a single-blind randomised controlled study
Asif P	Comparative study of nebulised dexmedetomidine and nebulized magnesium sulphate for attenuation of haemodynamic response during laryngoscopy and intubation
Sukanya Samanta	Effect of dexmedetomidine on plasma renin and arginine-vasopressin levels during propofol or sevoflurane based anaesthesia: a randomised controlled trial
Ritika	Comparison of intravenous clonidine and dexmedetomidine for haemodynamic stability during laparoscopic cholecystectomy: A Randomized Controlled Trial
Ankit Bishnoi	To compare the efficacy of preoperative nebulisation with dexmedetomidine, ketamine and magnesium sulfate for incidence of post operative sore throat after tracheal intubation
Khullar Kamnong	Comparison of two different doses of pre-operative nebulization of magnesium sulfate in reducing the incidence of post operative sore throat following endotracheal
Neeraj Kashyap	Effect Of Premedication With Intravenous Clonidine Vs Dexmedetomidine On Post-Electroconvulsive Therapy Agitation: An Observational Study
<b>GROUP B : PERI-OPERATIVE OUTCOMES 10:00 – 11:30 AM</b>	
Arshiya Aggarwal	Comparison of emergence agitation and recovery profile between desflurane and sevoflurane anaesthesia in adults undergoing laparoscopic surgery: a randomized controlled trial
Ilmjot kaur	Effect of preconditioning with nasal packing on emergence agitation in patients undergoing nasal surgery
Varun Arora	Effect of virtual reality based intervention to reduce preoperative anxiety in female undergoing elective mastectomy
Yelika Bhargav	Low versus standardized bolus dose of dexmedetomidine to prevent post operative delirium in elderly undergoing abdominal surgeries; non inferiority trial.
Shefali	Study of effect of volume controlled ventilation mode versus pressure controlled ventilation mode on respiratory mechanics in patients undergoing laparoscopic hysterectomy
Shravya Katkam	Breath lighter , think brighter – effects of low-flow anesthesia on cerebral oxygenation
Nidhi Swaroop	Target-Controlled Infusion of Propofol in Paediatric Surgery: Shaping Safer Anaesthesia with Stable Hemodynamics and Speedy Recovery—A Case Series



Rhythm Mathur	Comparison Of the Effect of Lumbar Sympathectomy In Patients With or Without Vascular Bypass Surgery: A Retrospective Observational Study
<b>GROUP C : USG AND ITS APPLICATIONS 11:30 AM – 12:15 PM</b>	
Nijila	Assessment of gastric residual volume using ultrasonography in diabetic and non-diabetic patients undergoing elective surgery: an observational study
Ashish Chavan	Prospective observational study to assess gastric content and risk of aspiration in elective surgical patients
Mustoor Manjeera	Inferior vena caval collapsibility index guided volume preload to prevent spinal hypotension in lower abdominal surgeries



<b>GROUP D ---- OPIOID FREE ANAESTHESIA 12:15 – 1:00 PM</b>	
Ruchi Bhatt	Effectiveness of opioid free intravenous anaesthesia on post-operative analgesia in patients undergoing laparoscopic surgeries under general anaesthesia: a randomised controlled trial
Deepanshu	A randomised controlled double-blind study to compare ketamine-dexmedetomidine versus ketamine-propofol combinations for opioid free anesthesia in patients undergoing brachial plexus injury repair
Shah Raj Jayantilal	Opioid-free anaesthesia with a combination of ketamine and dexmedetomidine in patients undergoing laparoscopic, cholecystectomy: a prospective randomized study
<b>GROUP E ----- CENTRAL NEURAXIAL ANAESTHESIA 2:00 – 4:00 PM</b>	
Kiran Sonawane	A comparative study on efficacy of intrathecal fentanyl versus buprenorphine as an adjuvant to hyperbaric levobupivacaine in lower limb surgeries
Nagarjuna Chary Sankoji	A comparison of hemodynamic changes following subarachnoid block between controlled hypertensive and normotensive patients undergoing lower limb surgeries.
Pranab Kumar Dutta	Effect of prophylactic intravenous low dose infusion of phenylephrine in prevention of intraoperative shivering in infra umbilical surgery under spinal anaesthesia: an observational study
Muskan	A study to compare efficacy of clonidine and buprenorphine with 0.5% levobupivacaine when given intrathecally in patient undergoing lower abdominal and lower limb surgeries
Vasava Dharmishthaben Hasmukhbhai	Comparison of dexmedetomidine and magnesium sulphate as adjuvants with hyperbaric ropivacaine for spinal anaesthesia in infraumbilical surgeries: a prospective randomized double- blind clinical study
Prerna Agarwal	Efficacy Of Gabapentine As A Premedication For Postoperative Pain And Anxiety In Elective Surgeries Under Regional Anaesthesia: A Prospective Randomized Controlled Study.
Sunil Kumar	Dexmedetomidine as an adjuvant to hyperbaric preparations of 0.5% levobupivacaine, 0.75% ropivacaine and 0.5% bupivacaine in patients undergoing below umbilical surgeries under subarachnoid block”
Rahul Antil	Comparative evaluation of intrathecal dexmedetomidine versus fentanyl in patients undergoing surgery under spinal anaesthesia

<b>GROUP F ---- REGIONAL ANAESTHESIA 4:00 – 5:30 PM</b>	
Priyanka Kamalakar Tandale	A comparative study between the effectiveness of inj.bupivacaine hydrochloride 0.5% versus inj. Levobupivacaine hydrochloride 0.5% in ultrasound guided supraclavicular brachial plexus block.
Aakanksha Bhanwra	Comparative efficacy of ultrasound-guided costoclavicular and supraclavicular approaches to brachial plexus block for upper limb surgeries
Sunil Kumar	Comparison of the efficacy and feasibility of 0.5% Bupivacaine versus 0.75% ropivacaine in popliteal sciatic nerve block combined with adductor canal block as sole anaesthetic technique for elective ankle and foot surgeries: a prospective randomised double blinded study
Avisha Jaiswal	Study of peri-anal block with ropivacaine as an anesthetic alternative for haemorrhoidectomy as compared to sub-arachnoid block-a prospective randomized trial
Mohammed Riyaz	Comparison of ulnar nerve blockade between intertruncal and corner pocket approaches for supraclavicular block
Neha Mahesh Kargutkar	Comparative study between the analgesic efficacy of ultrasound guided adductor canal block(ACB) with infiltration of local anaesthetic in interspace between popliteal artery and capsule of the knee (I-PACK) block versus adductor canal block alone for knee surgeries
Yash Mudgal	Scalp block with dexmedetomidine sedation as sole anaesthetic technique in burr hole surgeries : a prospective randomized control study

#### Instructions for presenters :

- All presenters to kindly report to the Registration Desk between 7:30- 8:00 am, to sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

Note: Sheet will not be available for signatures after 9:00 AM

- A lift is available for access to Level 2; adjoining stairs can be used by the enthusiastic younger lot!
- **Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.**

#### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

#### Co-ordinators:

Dr Rajarajan Ganesh, Ass Prof.

M-9815930510

Dr Varun Mahajan , Ass Prof

M-9988882149

Dr Avneet , Ass Prof

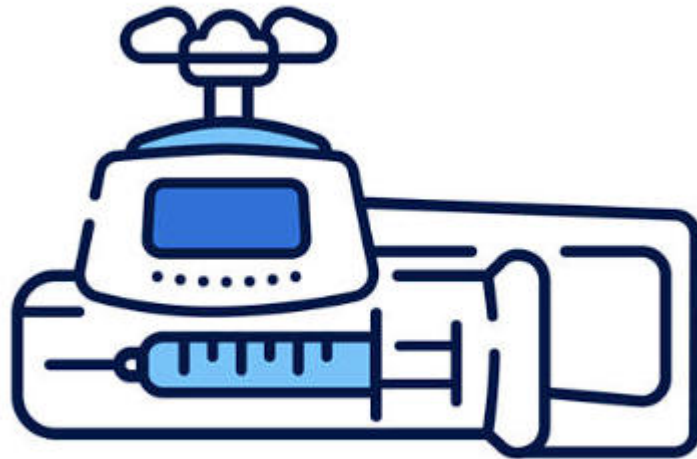
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# ISA WORLD SIVA CONGRESS 2025

## PROGRAM FOR RUPA BAI FURDOONJI HALL

<i>Day 1</i>	25 <sup>th</sup> July	4:00 pm onwards	<i>Abstracts</i>	“Pain Management”
<i>Day 2</i>	26 <sup>th</sup> July	9:30 am onwards	<i>Abstracts</i>	“Faculty”
<i>Day 3</i>	27 <sup>th</sup> July	11:00 am – 12:00 noon	<i>Special Session</i>	Excel based exercise using propofol PK data – Surjit Singh, AIIMS Jodhpur





## ISA WORLD SIVA CONGRESS 2025.

**ABSTRACTS FOR RUPA BAI FURDOONJI HALL- SUBCATEGORY "PAIN MANAGEMENT"**

Venue : Quorum Hall I, LEVEL 2, The Lalit, Chandigarh

**Day 1: 25<sup>th</sup> July**

**4:00 PM ONWARDS**

<b>INTERNATIONAL PRESENTATION IN PAIN RESEARCH- Hearing from the experts 4:00 PM</b>		
	Dr Chow Lok-Hi	The therapeutic potential of Angiotensin IV and related peptides in pain management
<b>GROUP A: ORIGINAL ARTICLES &amp; CASE REPORT 4:30 PM – 6:00 PM</b>		
1	Arya K Ramesh	Prospective observational study on perioperative pain management in unilateral TKR
2	Vignesh S	Unlocking relief : evaluating ketamine, midazolam and lignocaine infusion for fibromyalgia treatment
3	Neeharika	Comparison of ultrasound guided modified BRILMA block with subcostal transverse abdominis plane block for post-operative analgesia in laparoscopic cholecystectomy-a randomized controlled trial
4	Rajinder Kaur	A comparative study to evaluate analgesic efficacy of intravenous dexamethasone and perineural dexamethasone as an adjuvant to ropivacaine in pectoral nerve block
5	Sarnala Jagadeesh	Comparision of propofol and ketamine combination (ketofol) and propofol and fentanyl combination (fenofol) on quality of sedation and analgesia in wound toilet procedure of burns patient
6	Arpita Thombre	Quality of recovery (QOR-15) following administration of intravenous versus epidural opioids or non-opioids in oncological abdominal surgeries under general anaesthesia: an interventional study
7	Sonia Naorem	Intra-operative low-dose ketamine versus dexmedetomidine for attenuation of acute postoperative pain following laparoscopic cholecystectomy: a randomized clinical trial
8	Anita Kour	Epidural Steroid And Facet Joint Injection Neck In Elderly Patient: A Combined Approach

### Instructions for presenters :

- All presenters to kindly report to the Registration Desk between 2:30- 3:00 pm on 25-7-2025 and sign the attendance sheet.
- Presentation certificates will be issued only to those who have signed the sheet

Note: Sheet will not be available for signatures after 3 pm

- Please be seated in Crystal Hall for session 1. After the session, an announcement will be made for presenters to proceed to Level 2 (Quorum Hall I) for their presentations
- A lift is available for access to Level 2, adjoining stairs can be used by the enthusiastic younger lot!

**Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.**

### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the

session co-ordinator

Due to time constraints, only one question per judge can be accommodated

**Co-ordinators for subcategory of pain management are :**

Dr Savinder Sethi , Asst Prof                      M-98880 01032

Dr Venkat Ganesh Asst Prof                      M-84275 61868



## ISA WORLD SIVA CONGRESS 2025

### RUPA BAI FURDOONJI HALL

VENUE: QUORUM HALL- I , LEVEL 2, The Lalit, Chandigarh

**Day 2: 26<sup>th</sup> July**

**9:00 AM ONWARDS**

### ORAL PRESENTATIONS - "FACULTY"

<b>GROUP A : "CASE REPORT/ CASE SERIES" 9:00 AM – 10:30 AM</b>		
1	Unmesh Bedekar	Large SDH evacuation in a neonate: battered baby or a bleeding baby ?
2	Shraddha Naik Bahulekar	Anaesthetic management of a 5 year old Latin American boy with congenital factor VII deficiency undergoing craniotomy for astrocytoma excision: a case report
3	S Parthasarathy	Partha's intravenous KAMP cocktail for short surgical day care cases – A Case Series
4	Deepika Mudgal	One lung anaesthesia for video assisted thoracoscopic lung resection in a patient with fontan circulation: a case report
5	Sri Vani Sailaja Ganti	Unexpected respiratory complication on using total intravenous anaesthesia with dexmedetomidine-ketamine in intravenous anaesthesia with dexmedetomidine-ketamine in a pediatric patient undergoing a minor surgery - a case report
6	Sandip Kapadiya	A novel approach of airway management for submental endotracheal intubation with a 12 mm laparoscopic trocar- a case report
7		Intravenous dexmedetomidine for the AFOI(awake fiber optic intubation) as an airway management technique of choice in patients of maxillofacial/panfacial injury undergoing planned facial bone reconstruction surgeries- a case series
8	Rupinder Kaur Kaiche	DA in cardiac patients-fine tuning with TIVA: case series

<b>GROUP B- ORIGINAL ARTICLES 10:30 AM – 12:00 PM</b>		
1	Deepika Mudgal	Cricoid cartilage diameter as a guide for selection of appropriate size left double lumen endobronchial tube in Indian population : a prospective observational study
2	Dhwani S Soni	Early enhanced recovery after surgery (ERAS) protocol improves patient outcomes for head and neck cancer surgery- a retrospective cohort study
3	Hally T	Correlation between respiratory exchange ratio and postoperative complications in laparoscopic colorectal onco surgeries - A Prospective Observational Study
4	Himani Chhabra	A prospective observational study to compare the effectiveness of intravenous amisulpride and palonosetron for prophylaxis of postoperative nausea and vomiting in patients undergoing gynecological surgeries
5	Shagufta Naaz	A comparative study of sugammadex with neostigmine plus glycopyrrolate combination as a neuromuscular block reversal drug on cognitive recovery in older adults undergoing hip surgeries - a randomized control trial
6	Bhargav Ram Ammanabrolu	AI-Driven Prediction tool for Post-Spinal Hypotension in Cesarean Section
7	Reena Mahajan	Efficacy and safety of 0.5% hyperbaric levobupivacaine in subarachnoid block among patients undergoing lower limb surgery
8	Shalini Sardesai	To compare the efficacy of isobaric 0.75% ropivacaine with hyperbaric 0.5%

	bupivacaine in spinal anaesthesia for elective lower segment cesarean section
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GROUP C – Original Articles 12:00 – 1:00		
1	Anshu	Evaluating analgesia levels during surgery by qNOX score across three fentanyl concentration
2	Sanobar Khokhar	A comparative study between the use of dexamethasone vs dexmedetomidine as adjuvant to bupivacaine in ultrasound guided transversus abdominis plane block for postoperative pain relief in patients undergoing lower abdominal surgeries
3	Vidhi Solanki	Opioid free anaesthesia versus opioid based anaesthesia in patients undergoing gynecological oncology surgeries
4	Payal Jain	Evaluation of anterior iliac crest block versus transversalis fascia plane block for post operative analgesia in anterior iliac crest bone graft harvesting- a randomised control trial
GROUP D – Original Articles 2:00 – 3:30 PM		
1	Shilaga Dhar	Haematoma block for distal radius fracture pain management
2	Himani Chhabra	Assessment of Electroencephalogram Based qNOX and qCON Indices For Intra-Operative Nociception and Depth of Hypnosis - An Observational Study
3	Gurcharan Singh	To study the perioperative analgesic efficacy of intravenous infusion of preservative free lignocaine with ketamine or dexmedetomidine as a total opioid free anaesthesia technique
4	Daljit Kaur	Efficacy of Genicular Nerve Block for Post-operative Analgesia in TKR Surgeries
5	Avneet Singh	Comparison of Effectiveness of 2 Doses of Bupivacaine for Transversus Thoracic Muscle Plane Block in Cardiac Surgery Patients: a Prospective Randomized Controlled Trial

GROUP E: TIVA/BIS/SEDATION 3:30 – 4:30 PM		
1	Nidhi Kumari	To find the efficacy of infusion of dexmedetomidine for procedural sedation in patients undergoing otorhinolaryngologic surgeries under local anaesthesia
2	Poonam Sharma	Comparative study of propofol–remifentanyl versus propofol–dexmedetomidine based total intravenous anesthesia in surgeries not requiring muscle relaxant in a tertiary care hospital
3	Bharti Sidhu	Correlation between bispectral index and two clinical assessment scales ramsay sedation scale and richmond agitation sedation scale in critically ill adult patients in the ICU

#### Instructions for presenters :

- Kindly report to the Registration Desk between 8:30- 9:00 am on 26-7-2025 and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

Note: Sheets will not be available for signatures after 9 am.

- Please be seated in Crystal Hall for keynote address. After the session, an announcement will be made for presenters to proceed to Level 2 (Quorum Hall-I ) for their presentations
- A lift is available for access to the Quorum Hall. Adjoining stairs can be used by the enthusiastic younger lot!

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**Instructions for judges:**

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Due to time constraints, only one question per judge can be accommodated

**Co-ordinators:**

Dr.Ridhima Sharma, Ass Prof.	M-8054549458
Dr Sekar L, Ass Prof	M-8146555023
Dr Amiya , Ass Prof	M-8052919523





ISA WORLD SIVA CONGRESS 2025

RUPA BAI FURDOONJI HALL

VENUE: QUORUM HALL- I , LEVEL 2, The Lalit, Chandigarh

Day 3: 27<sup>th</sup> July

11:00 am - 12:00 noon



*Excel Based Exercise Using Propofol PK Data*

*Dr Surjit Singh, AIIMS, Jodhpur*



- Excel Handling for pharmacokinetic parameters
- HPLC estimation and calculation
- Simple PK exercise of propofol (  $t_{1/2}$  and time to awake)



## ISA WORLD SIVA CONGRESS 2025.

**ABSTRACTS FOR JOHN BAIRD GLEN HALL-- SUBCATEGORY "AIRWAY"**

**Venue:** QUORUM II, LEVEL 2, The Lalit, Chandigarh

**Date:** 25<sup>th</sup> July 2025.

**Time:** 04:00 pm onwards

GROUP A: CASE REPORT 4:00 PM – 5:30 PM	
Priti Dhir	The missing bell: absent uvula, an incidental and isolated finding
Sumeet Kaur	Difficult airway management in suspected laryngeal malignancy: emergency tracheostomy during vocal cord biopsy
Vinayak Taneja	Challenges and anaesthetic considerations in difficult airway management during external carotid artery pseudo-aneurysm repair: a case-based perspective
Tanmayee Gajhas	Left pharyngeal mass under evaluation with transcervical and trans oral approach with mandible swing-excision of left parapharyngeal space tumor in difficult airway patient under general anesthesia
Honey Jaiswal	Awake orotracheal intubation using CMAC videolaryngoscope in fixed cervical spine deformity
Nidhi Panu	Difficult airway simplified: A TAScope experience

### Instructions for presenters :

- Presenters to kindly report to the Registration Desk between 2:30- 3:00 pm and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

**Note:** Sheet will not be available for signatures after 3 pm

- Please be seated in Crystal Hall for session 1 . After the session, an announcement will be made for presenters to proceed to Level 2 (JOHN BAIRD GLEN HALL) which is identified by hotel staff as QUORUM II) for their presentations
- A lift is available for access Level 2, adjoining stairs can be used by the enthusiastic younger lot!

**Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.**

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Due to time constraints, only one question per judge can be accommodated

### **Co-ordinators:**

Dr Venkat Ganesh – M 8427561868

Dr Naveen Naik - M 8872377925



## ISA WORLD SIVA CONGRESS 2025.

### ABSTRACTS- JOHN BAIRD GLEN HALL

**Venue:** QUORUM II, LEVEL 2, The Lalit, Chandigarh

**Date:** 26<sup>th</sup> July 2025.

**Time:** 9:30 am onwards

### ORIGINAL ARTICLES-TIVA/TCI

GROUP A — Depth of anaesthesia 9:30 AM – 10:45 AM		
1	Ashish Bhatiya	Correlation of sedation depth assessed by the Ramsay sedation scale and BIS using iv dexmedetomidine or propofol in patients undergoing spinal anaesthesia
2	Vashu Hansaliya	Study bispectral index monitoring during total intravenous anaesthesia (TIVA) :a comparative study between two dosage regimes of propofol
3	Ishta Puri	Comparison of recovery profiles in target controlled infusion versus manual controlled infusion for giving total intravenous anesthesia (TIVA) using propofol and remifentanyl in laparoscopic surgeries- a pilot study
4	Sweta Deb	Total intravenous anaesthesia-revolutionizing short daycare surgeries.
GROUP B —Pharmacology 10:45 AM – 12:15 PM		
1	Shaishabi Bhowmick	Comparison of propofol-ketamine vs propofol-fentanyl combination for hemodynamic stability and analgesia in adult patients undergoing elective short surgical procedures
2	Aakash Trivedi	Comparison of propofol with butorphanol and propofol with fentanyl for total intravenous anaesthesia in short surgical procedures
3	Rajasekar Ramadurai	Comparison of sub-anaesthetic ketamine and lidocaine as an adjuvant to propofol-based TIVA on propofol requirement in patients undergoing emergency decompressive craniectomy for TBI: a prospective, double-blinded, randomized, controlled trial
4	Maithreyi S	Correlation between effect site concentration of propofol at loss of consciousness and return of consciousness using schnider model of target-controlled infusion
5	Pujan Patel	Effectiveness of TIVA (total intravenous anaesthesia) for endoscopic procedure, comparative study between ketamine plus dexmedetomidine and ketamine plus etomidate in gastrointestinal scopies
6	Arivazhagan	Comparison of Ketofol 1:1 Vs 1:2 for sedoanalgesia in short gynecological procedures: A Clinical Trial
7	Gollapudi Sravani	Remifentanyl: the shape-shifting opioid for precision sedation!"
GROUP C ---- CLADS 12:15 – 1:00 PM		
1	Priyanka Sreerenjini	Gender differences in propofol requirements during total intravenous anaesthesia administered by closed-loop anaesthesia delivery system: an observational study
2	Karthickeyan A	The effect of noise cancellation in the induction dosage of propofol to attain the BIS 50 using CLADS in the patients present for non-cardiac surgeries
3	Binita Majumder	Impact of intravenous using CLADS versus inhalational maintenance of anaesthesia on postoperative cognitive outcomes in kidney transplant recipients: A Randomized Clinical Trial

GROUP -D CASE REPORTS /CASE SERIES 2:00 PM – 4:30 PM		
1	Piduru Nishma	TIVA for a case of pineal gland tumour excision through sub-occipital approach in semi-prone position: A case report
2	Srirangam Srikhyathi	Ultra-low-dose propofol: Maintenance of anaesthesia with 1µg/ml TCI

3	Pooja HS	A case of chronic adenotonsillitis with cerebral palsy for adenotonsillectomy with sub total intravenous anaesthesia: Challenge to anaesthesiologist
4	Yati Sharma	Anaesthetic management with total intravenous anaesthesia (TIVA) for kyphoscoliosis correction surgery
5	Ved B Vyas	Total intravenous anaesthesia with target-controlled infusion of propofol in head and neck surgeries with reconstruction: a case series
6	Neha Boyapati	TIVA based anaesthetic management for multiple teeth extractions in a patient with grade -1 lissencephaly and epilepsy
7	Mrugakshi Dave	A breath of relief: TIVA for safe emergence in thymectomy patients with MG
8	Pankil Parikh	Normolactatemic propofol infusion syndrome in a neurocritical care patient: a diagnostic challenge
9	Pruthil Patel	An observational study to evaluate the effectiveness of ketamine and dexmedetomidine infusion for procedural sedation during flexible bronchoscopy
10	Shaba Parveen	Traumatic brachial plexus injury for exploration under total intravenous anesthesia in young adult
11	Suman Dutta	Bronchoscopic debulking of left main bronchus tumor done under propofol & remifentanyl TCI in a patient with multiple comorbidities – a case report
12	Freddie Flavian	Closed-Loop TIVA in a 9-Hour Oncologic Surgery: Redefining Anesthetic Precision Beyond Human Fatigue

#### Instructions for presenters :

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Note: Sheet will not be available for signatures after 9:00 AM

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#### Co-ordinators:

Dr Venkat Ganesh – M 8427561868

Dr Ajay Singh. M- 9999276845



## ISA WORLD SIVA CONGRESS 2025.

### ABSTRACTS FOR SUSHRUTA HALL- SUB CATEGORY CASE REPORT

**Venue:** Quorum Hall III, LEVEL 2, The Lalit, Chandigarh

**Date :** 25<sup>th</sup> July 2025

**Time :** 4:00 pm onwards

GROUP A- HOW WE DID IT		
1	Shreeja Singhasani	Effective ICU Management of post op acute ARDS in tertiary rural health care set up : A case report
2	Sanjay S.	Segmental thoracic spinal anaesthesia for modified radical mastectomy in a pulmonary fibrosis case
3	Anushka Garai	Role of fascial plane blocks in chronic anterior abdominal pain syndrome: a case series
4	Rajesh Khanapur	Anaesthetic management of gouty tophus excision in a chronic gout patient using combined interscalene and supraclavicular block
5	Asma Wani	Centhaquine as a resuscitative agent for refractory hypovolemic shock in a 21-year-old male with grade 5 liver injury and small IVC tear : A case report
6	Geethika Podila	Balancing the storm: hemodynamic precision in robotic adrenalectomy for pheochromocytoma in a post-TEVAR patient
7	Challa Kiranmai	Anaesthetic considerations and management in a case of methaemoglobinaemia with gastric outlet obstruction
8	Abid K Dodamani	Minimal effective anaesthetic concentration of injection ropivacaine required for ultrasound guided popliteal sciatic nerve blocks: A Case Series
9	Gracy Chanu Ningombam	Ultrasound guided regional anesthesia as the sole anesthetic technique for simple mastectomy: A Case Report
10	Keerthana L	Anesthetic management of a 42-year-old female with myelin oligodendrocyte glycoprotein antibody- associated disease (MOGAD) undergoing total abdominal hysterectomy under general anesthesia: a case report
11	Neeraja Nair	56 years old female known case of diabetic mellitus ,hypertension, rheumatic heart disease with severe MR , EF 30% diagnosed with anaplastic carcinoma thyroid posted for hemithyroidectomy
12	Sai Raghava Ch	Anaesthetic management of a 60-year-old male patient with chronic limb ischemia, severe diffuse atherosclerosis of the right lower limb, and HAV positivity posted for aorto-bifemoral bypass with left CFA + SFA
13	Manveen Kaur	Anaesthetic management of bilateral pheochromocytoma with history of percutaneous transluminal coronary angioplasty: a case report.
14	Krishna Patil	Neurofibromatosis type 1 with retroperitoneal tumor: an unusual presentation and anaesthetic implications
15	Prawin Kumar P	Challenges in managing Dengue Myocarditis patient in critical care with low resource setting
16	Nitesh Kumar BS	Stress induced cardiomyopathy triggered by surgical stress and tramadol in. patient with complex abdominal pathology: anaesthetic challenges and perioperative course
17	Srikanth Kornepati	Ultrasound – Guided Clavipectoral Fascial Plane Block Combined With Superficial Cervical Plexus Block In Clavicle Surgery As A Sole Anaesthetic Technique
18	Basudev Pati	Safe Anaesthetic Management in a Case of Acquired Angioedema Undergoing Oral Surgery

**Instructions for presenters :**

- Kindly report to the Registration Desk between 2:30- 3:00 pm on 25-7-2025 and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

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Due to time constraints, only one question per judge can be accommodated

**Co-ordinators are :**

Dr Deepika Gupta , Ass Prof.

M-9646401899

Dr Anju Gupta, Ass Prof

M-9911573371



## ISA WORLD SIVA CONGRESS 2025.

### ABSTRACTS FOR SUSHRUTA HALL

Venue: Quorum Hall III, LEVEL 2, The Lalit, Chandigarh

Day 2: 26<sup>th</sup> July 2025 Time : 9:00 am onwards

GROUP A — Challenges in anaesthesia- case reports 9:00 AM – 9:45 AM		
1	Nabanita Debnath	Anaesthetic management of laparoscopic cholecystectomy in a patient with Kennedy's Disease, Type 2 Diabetes Mellitus and systemic hypertension: A Case Report
2	Samyak Jain	Unmasking Pulmonary Vein Air Embolism: a rare mimic of myocardial injury post non-cardiac surgery
3	Anju Merine Sebastian	Anaesthetic Management Of A 51-Year-Old Female With CKD, Hypertension, Diabetes, And Hypothyroidism In Haemorrhagic Shock Undergoing Exploratory Laparotomy With Jejunal Resection And Ileal Anastomosis

GROUP B: Cardiac patient for non-cardiac surgery- Case reports – 9:45 AM – 11:30 AM		
1	Challa Kiranmai	Anaesthetic considerations and management in case of large multinodular goiter with cardiac disease and chronic kidney disease
2	Muskan Arora	Transurethral resection of prostate in patient with cardiac pacemaker: Anaesthetic challenges
3	Kartikya Tyagi	Anesthetic management after failed spinal anesthesia in patient with ischemic heart disease and low ejection fraction posted for total hip replacement.
4	Richa Tripathi	Large ASD with severe TR, severe PAH, systemic HTN with IT fracture left leg – a case study
5	Kallesh KG	Anaesthetic management of recurrent breast carcinoma with aortic stenosis and dilated cardiomyopathy (DCMP) for modified radical mastectomy: a case complicated by postoperative pulmonary edema
6	Ashima Singla	Titrated segmental epidural anaesthesia for anterior cruciate ligament repair in a patient with severe tricuspid stenosis and low ejection fraction.
7	Surbhi Ladani	Anesthetic management in a patient with ischemic heart disease and bundle branch block posted for inguinal hernioplasty: a case report.
8	Devanshi Rajput	Anaesthetic management of renal transplantation in a high-risk cardiac patient: a case-based approach
9	Sivanthi Bala	The perfect storm: managing the complexities of Perioperative MI and AKI in low resource setting – A Case Report

#### Instructions for presenters :

- All presenters to kindly report to the Registration Desk between 8:30- 9:00 am, to sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

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- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

**Co-ordinators:**

**Dr Bhawna Gupta : 8527686660**

**Dr Priyanka Sethi: 9352206300**

**Dr Jijo Francis: 8903885758**

<b>GROUP C: Adult cardiac anaesthesia – 11:30 AM – 1:00 PM</b>		
1	Abhin Mohan	The occurrence of postoperative supraventricular arrhythmia in off pump coronary artery bypass grafting as a predictor for postoperative morbidity and mortality
2	Akshaya	Comparison of passive head lift and combined chin lift/jaw thrust manoeuvres for transoesophageal echocardiograph (TOE) probe insertion
3	Rajni Kalia	Impact of regional anaesthesia on post-operative opioid consumption in minimally invasive vs sternotomy cardiac surgeries
4	Dhananjay Yadav	Comprehensive anaesthetic approaches for pediatric ASD closure: a case report on one-lung ventilation and epidural analgesia
5	Shefali	Thymoma with spinal invasion ; a rare case and surgical management (case report)
6	Arya K Ramesh	Perioperative anesthetic management of a large thymoma infiltrating the pericardium requiring sternotomy and partial lobectomy: a case report

<b>GROUP C: Adult cardiac anaesthesia – 2:00 PM – 2:45 PM</b>		
1	Jestin MJ	Intraoperative anesthetic management of a young male with open chest injury with pleural breach and near miss cardiac injury
2	Gokulnath Thangaraj	Anaesthetic management of a case of bullet injury with left-sided hemopneumothorax, haemopericardium and laceration of superior pulmonary vein – a case report
3	Malainesan E	Stellate ganglion block for atrial fibrillation – a case report

<b>GROUP D: OBSTETRICS – ORIGINAL ARTICLES – 2:45 PM – 4:00 PM</b>		
1	Bhavya Jain	Implications of USG transversus abdominis plane (TAP) block for postoperative analgesia in caesarean section.
2	Girish Joglekar	Perfusion index to predict hypotension in non-severe pre-eclampsia parturients following subarachnoid block in lower segment caesarean section
3	Mili Mungalpara	Comparison of Efficacy of IV Dexmedetomidine and IV Tramadol for management of Post spinal shivering in LSCS surgeries. A Prospective randomized double blind clinical study.
4	Shreeja Singhasani	A study on the hemodynamic outcomes of phenylephrine and mephentermine in the treatment of maternal hypotension after spinal anaesthesia due to levo bupivacaine for cesarean section
5	Richardson	A comparative evaluation of Hyperbaric Levobupivacaine versus Hyperbaric Ropivacaine in parturients for elective caesarean section under spinal anaesthesia: A



	Thongam	Randomized Clinical Study
6	Deepna Bhau	Evaluating haemodynamic stability and uterotonic use: carbetocin vs. oxytocin in caesarean patients under spinal anaesthesia
7	Bidya Ngangom	A comparative study on the block characteristics in spinal anaesthesia with premixed or succedent administration of hyperbaric bupivacaine and fentanyl in lower segment caesarean section

GROUP E: OBSTETRICS – CASE REPORTS 4:00 PM – 5:30 PM		
1	Balaji	Anaesthetic management of a 22-year-old pregnant female with right frontotemporoparietal subdural hematoma and cervical spine injury posted for decompressive craniotomy
2	Harsh Patel	Navigating anesthetic challenges: cesarean section in a patient with kyphoscoliosis
3	Het Khandhar	A case series of peripartum dilated cardiomyopathy-challenges in management and outcome
4	Mahalakshmi	LBBB in pregnancy – is general anaesthesia choice of anaesthesia
5	Swati Ganesh Pai	Neuromyelitis optica spectrum disorder in pregnancy – a rare confrontation in theatre
6	Vismitha Vishwanathan	Anaesthetic management of a large congenital ventricular septal defect (VSD) with right to left shunt posted for manual vacuum aspiration
7	Kulwant kaur	Emergency Neurosurgical Intervention Following Catastrophic Intracerebral Hemorrhage in a Term Primigravida with Eclampsia: A Case Report
8	Priya Parmar	Anesthetic management in emergency cesarean section in operative case of atrial septal defect (ASD) and partial anomalous pulmonary venous connection (PAPVC) with mild pulmonary arterial hypertension (PAH) under spinal anaesthesia

#### Instructions for presenters in group C,D & E:

- Kindly report to the Registration Desk between 10:30- 11:00 am on 26-7-2025 and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

Note: Sheet will not be available for signatures after 11 AM

- A lift is available for access to level 2. Adjoining stairs can be used by the enthusiastic younger lot!

**Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.**

#### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

#### Co-ordinators are :

Dr Vijayanthi Asst Prof.	M-7305625129
Dr Aditi Jain , Asst Prof	M-9876065424
Dr Komal Gandhi, Asst Prof	M- 9592895978



## ISA WORLD SIVA CONGRESS 2025

**ABSTRACTS FOR RUPA BAI FURDOONJI HALL-- SUBCATEGORY "PAIN MANAGEMENT"**

Venue : Quorum Hall I, LEVEL 2, The Lalit, Chandigarh

Day 1: 25<sup>th</sup> July

4:00 PM ONWARDS

INTERNATIONAL PRESENTATION IN PAIN RESEARCH- Hearing from the experts	
Dr Chow Lok-Hi	The therapeutic potential of Angiotensin IV and related peptides in pain management
GROUP A: ORIGINAL ARTICLES	
Arya K Ramesh	Prospective observational study on perioperative pain management in unilateral TKR
Vignesh S	Unlocking relief : evaluating ketamine, midazolam and lignocaine infusion for fibromyalgia treatment
Neeharika	Comparison of ultrasound guided modified BRILMA block with subcostal transverse abdominis plane block for post-operative analgesia in laparoscopic cholecystectomy-a randomized controlled trial
Rajinder Kaur	A comparative study to evaluate analgesic efficacy of intravenous dexamethasone and perineural dexamethasone as an adjuvant to ropivacaine in pectoral nerve block
Sarnala Jagadeesh	Comparision of propofol and ketamine combination (ketofol) and propofol and fentanyl combination (fenofol) on quality of sedation and analgesia in wound toilet procedure of burns patient
Arpita Thombre	Quality of recovery (QOR-15) following administration of intravenous versus epidural opioids or non-opioids in oncological abdominal surgeries under general anaesthesia: an interventional study
Sonia Naorem	Intra-operative low-dose ketamine versus dexmedetomidine for attenuation of acute postoperative pain following laparoscopic cholecystectomy: a randomized clinical trial

### Instructions for presenters :

- Kindly report to the Registration Desk between 2:30- 3:00 pm on 25-7-2025 and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

Note: Sheet will not be available for signatures after 3 pm

- Please be seated in Crystal Hall for session 1. After the session, an announcement will be made for presenters to proceed to Level 2 (Quorum Hall I) for their presentations
- A lift is available for access to Level 2, adjoining stairs can be used by the enthusiastic younger lot!

Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.

### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

### Co-ordinators for subcategory of pain management are :

Dr. Sahil Garg , Ass Prof.

M-86997 777263

Dr Savinder Sethi , Ass Prof

M-98880 01032



## ISA WORLD SIVA CONGRESS 2025

### RUPA BAI FURDOONJI HALL

VENUE: QUORUM HALL- I , LEVEL 2, The Lalit, Chandigarh

**Day 2: 26<sup>th</sup> July**

**9:30 AM ONWARDS**

### ORAL PRESENTATIONS - "FACULTY"

<b>GROUP A : "CASE REPORT/ CASE SERIES" (9:30-11:00)</b>	
Unmesh Bedekar	Large SDH evacuation in a neonate: battered baby or a bleeding baby ?
Shraddha Naik Bahulekar	Anaesthetic management of a 5 year old Latin American boy with congenital factor VII deficiency undergoing craniotomy for astrocytoma excision: a case report
S Parthasarathy	Partha's intravenous KAMP cocktail for short surgical day care cases – A Case Series
Deepika Mudgal	One lung anaesthesia for video assisted thoracoscopic lung resection in a patient with fontan circulation: a case report
Sri Vani Sailaja Ganti	Unexpected respiratory complication on using total intravenous anaesthesia with dexmedetomidine-ketamine in intravenous anaesthesia with dexmedetomidine-ketamine in a pediatric patient undergoing a minor surgery - a case report
Sandip Kapadiya	A novel approach of airway management for submental endotracheal intubation with a 12 mm laparoscopic trocar- a case report
Sandip Kapadiya	Intravenous dexmedetomidine for the AFOI(awake fiber optic intubation) as an airway management technique of choice in patients of maxillofacial/panfacial injury undergoing planned facial bone reconstruction surgeries- a case series
Rupinder Kaur Kaiche	DA in cardiac patients-fine tuning with TIVA: case series

<b>GROUP B- ORIGINAL ARTICLES (11:30-1:00)</b>	
Deepika Mudgal	Cricoid cartilage diameter as a guide for selection of appropriate size left double lumen endobronchial tube in Indian population : a prospective observational study
Avneet Singh	Comparison of effectiveness of two doses of bupivacaine for transversus thoracic muscle plane block in cardiac surgery patients: A prospective double blind randomised controlled trial
Dhwani S Soni	Early enhanced recovery after surgery (ERAS) protocol improves patient outcomes for head and neck cancer surgery- a retrospective cohort study
Hally T	Correlation between respiratory exchange ratio and postoperative complications in laparoscopic colorectal onco surgeries - A Prospective Observational Study
Himani Chhabra	A prospective observational study to compare the effectiveness of intravenous amisulpride and palonosetron for prophylaxis of postoperative nausea and vomiting in patients undergoing gynecological surgeries
Shagufta Naaz	A comparative study of sugammadex with neostigmine plus glycopyrrolate combination as a neuromuscular block reversal drug on cognitive recovery in older adults undergoing hip surgeries - a randomized control trial
Bhargav Ram Ammanabrolu	AI-Driven Prediction tool for Post-Spinal Hypotension in Cesarean Section
Reena Mahajan	Efficacy and safety of 0.5% hyperbaric levobupivacaine in subarachnoid block among patients undergoing lower limb surgery
Shalini Sardesai	To compare the efficacy of isobaric 0.75% ropivacaine with hyperbaric 0.5% bupivacaine in spinal anaesthesia for elective lower segment cesarean section

<b>GROUP C- ORIGINAL ARTICLES (03:00 PM -5:00 PM)</b>	
Anshu	Evaluating analgesia levels during surgery by qNOX score across three fentanyl concentration
Sanobar Khokhar	A comparative study between the use of dexamethasone vs dexmedetomidine as adjuvant to bupivacaine in ultrasound guided transversus abdominis plane block for postoperative pain relief in patients undergoing lower abdominal surgeries

Vidhi Solanki	Opioid free anaesthesia versus opioid based anaesthesia in patients undergoing gynecological oncology surgeries
Payal Jain	Evaluation of anterior iliac crest block versus transversalis fascia plane block for post operative analgesia in anterior iliac crest bone graft harvesting- a randomised control trial
Shilaga Dhar	Haematoma block for distal radius fracture pain management
Himani Chhabra	Assessment of Electroencephalogram Based qNOX and qCON Indices For Intra-Operative Nociception and Depth of Hypnosis - An Observational Study
Gurcharan Singh	To study the perioperative analgesic efficacy of intravenous infusion of preservative free lignocaine with ketamine or dexmedetomidine as a total opioid free anaesthesia technique

Nidhi Kumari	To find the efficacy of infusion of dexmedetomidine for procedural sedation in patients undergoing otorhinolaryngologic surgeries under local anaesthesia
Poonam Sharma	Comparative study of propofol–remifentanil versus propofol–dexmedetomidine based total intravenous anesthesia in surgeries not requiring muscle relaxant in a tertiary care hospital
Bharti Sidhu	Correlation between bispectral index and two clinical assessment scales ramsay sedation scale and richmond agitation sedation scale in critically ill adult patients in the ICU
Daljit Kaur	Efficacy of Genicular Nerve Block for Post-operative Analgesia in TKR Surgeries

#### Instructions for presenters :

- Kindly report to the Registration Desk between 8:30- 9:00 am on 26-7-2025 and sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet

Note: Sheets will not be available for signatures after 9 am.

- Please be seated in Crystal Hall for keynote address. After the session, an announcement will be made for presenters to proceed to Level 2 (Quorum Hall-I ) for their presentations
- A lift is available for access to the Quorum Hall. Adjoining stairs can be used by the enthusiastic younger lot!

Adhere strictly to the allotted time. The slides will automatically stop displaying once time is up.

#### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

#### Co-ordinators:

Dr.Ridhima Sharma, Ass Prof. M-8054549458

Dr Sekar L, Ass Prof M-8146555023

Dr Amiya , Ass Prof M-8052919523



ISA WORLD SIVA CONGRESS 2025

RUPA BAI FURDOONJI HALL

VENUE: QUORUM HALL- I , LEVEL 2, The Lalit, Chandigarh

Day 3: 27<sup>th</sup> July

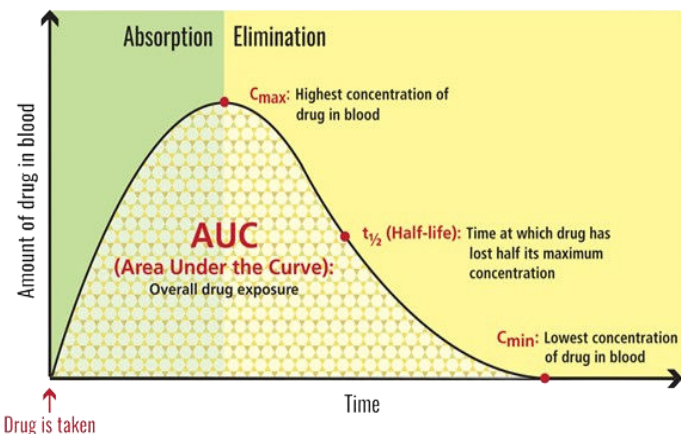
11:00 am - 12:00 noon



## *Excel Based Exercise Using Propofol PK Data*

*Dr Surjit Singh, AIIMS, Jodhpur*

### Pharmacokinetics



- Excel Handling for pharmacokinetic parameters
- AUC (Area Under the Curve) - Estimation using the trapezoid rule
- Dose Optimization Concepts and Individualisation via Excel Tools



## ISA WORLD SIVA CONGRESS 2025.

### INFOGRAPHIC/POSTER PRESENTATIONS

Venue: Foyer area, LEVEL 1, The Lalit, Chandigarh

Day 2: 26<sup>th</sup> July 2025 Time : 11:00 am onwards

Freddie Flavian Cruz	Automation in Anaesthesiology : Closed Loop Anaesthesia Delivery Systems (CLADS), A Step Towards the Future.
Priti Dhir	Green Anaesthesia: Paving the Way for Sustainable Operating Rooms
Arya K Ramesh	Perioperative Anesthetic Management of a Large Thymoma Infiltrating the Pericardium Requiring Sternotomy and Partial Lobectomy: A Case Report
Sweta Deb	Anaesthetic Management of a Primigravida with Large Vessel Vasculitis and Prior Cerebrovascular Accident Undergoing Elective Caesarean Section
Gurpreet Singh	An Overview On Total Intravenous Anesthesia [TIVA] And Inhalational Anesthesia
Sreeja Singhasini	Effective ICU Management Of Post Op Acute ARDS in Non Invasive Methods in a Rural Health Care Setup : A Case Report
Sheikh Saqib Ahmed	Comparison of fasting gastric volume using ultrasound in diabetic and non-diabetic patients posted for elective surgery - a pilot study
Isha Gupta	Recovery characteristics of TIVA with propofol and ketamine versus propofol and fentanyl in paediatric patients

#### Instructions for presenters :

- Presenters of Poster/Infographic to kindly report to the Registration Desk between 8:30- 9:00 am on 26/7/2025, to sign the attendance sheet. Presentation certificates will be issued only to those who have signed the sheet
- Posters may be mounted early for public viewing.
- Poster mounting materials (pins, tape, etc.) will be provided at the venue
- Presenters will be responsible for bringing a physical print of their posters.
- Time allotted for presentation: 8 minutes (+ 2 min for Q & A)

Note: Sheet will not be available for signatures after 9:00 AM

Adhere strictly to the allotted time.

#### Instructions for judges:

- Kindly ensure that all presenters adhere to the time limit
- Please complete the assessment proforma for each presenter and hand it over to the session co-ordinator

Due to time constraints, only one question per judge can be accommodated

#### Co-ordinators:

Dr Ananya Ray – M 9946606752





**WORLD SIVA CONGRESS 2025**  
**(25th- 27th July, 2025)**



## AI CENTRE AND INNOVATION HUB

Showcase your innovation / AI generated research paper in the hub  
on 27<sup>th</sup> July 2025 from 12 noon to 2:00 pm



**IDEAS**



**PROTOTYPES**

The INNOVATION HUB is an open space in the exhibition, a place where Industry Partners and delegates connect, discuss and present healthcare opportunities and challenges generated by innovation.

This year, we focus on three key areas of discussion: Sustainability, Connectivity and Artificial Intelligence, and Value Based Healthcare.

E mail at [worldsivacongress2025@gmail.com](mailto:worldsivacongress2025@gmail.com) to confirm your spot  
in the hub. For any queries contact the hub co-ordinators





# Workshops

[TIVA and the Airway - Homi Bhabha \(TMC, New Chandigarh\)](#)



[TIVA in Obstetric Anaesthesia](#)

[TIVA in Non-operating Room Anaesthesia](#)

[Hemodynamics](#)

[TIVA in Tiny Tots](#)

[Neuromonitoring](#)



# ISA WORLD SIVA CONGRESS 2025

PRE-CONFERENCE WORKSHOP

## TIVA and the airway – a practical approach

**Venue: Homi Bhabha Cancer Hospital and Research Centre (Tata Memorial Center)**  
MULLANPUR, NEW CHANDIGARH, DIST. MOHALI, PUNJAB

**Date : 25<sup>th</sup> July 2025**

08:00 - 8:30 Registration & Pre-test & Introduction		
Time	Topic	Speaker
08:30 – 08:45	TIVA- Understanding the basics	Dr Manish Gupta
08:45-09:00	TCI- Target controlled infusions	Dr Avinash Sinha
09:00-9:15	Intubation using flexible bronchoscope in anticipated difficult airway- awake vs asleep	Prof. Sheila Myatra
09:15-09:45	<b>Case based discussion</b> TIVA for thyroid surgery TIVA for EBUS TIVA in head and neck cases (apnoeic oxygenation /spontaneous breathing)	Dr Manish Gupta Dr Sandip Kapadiya Dr Karan Singla
09:45 - 10:30 Breakfast		
10:30 – 10:50 Setting up TCI pumps. Dr Manish Gupta/Dr Banashree/Dr Avinash Sinha		
Practical skill stations 10:50 – 12:00		
Station	Topic	Faculty
Station I	Depth of anaesthesia monitoring- BIS sensors	Dr Sandip Kapadiya/Dr Nimish/Dr Ajay
Station II	Algorithmic approach to complete ventilation failure	Prof Sheila Myatra/Dr Jagdeep
Station III	Surgical airway ; Emergency cricithyrotomy on goat necks	Dr Harsimran /Dr Priyanka Sethi/ Dr Sofia/ Dr Karan
12:20 – 12:30	Q & A	

Time	Group A	Group B	Group C
10:50 – 11:20	Station I	Station II	Station III
11:20 – 11:50	Station II	Station III	Station I
11:50 – 12:20	Station III	Station I	Station II

12:30 PM ONWARDS – Transport to The Lalit , Chandigarh

**LUNCH at The Lalit , Chandigarh**



# ISA WORLD SIVA CONGRESS 2025

PRE-CONFERENCE WORKSHOP

## Propofol-Remifentanil TIVA/TCI in obstetric anaesthesia

Venue: Crystal Hall, *The Salit, Chandigarh*

Date : 25<sup>th</sup> July 2025

08:00 - 8:30 Registration & Pre-test		
Time	Topic	Speaker
08:30 – 08:40	Introduction and learning objectives	Dr Indrani Hemantkumar/ Dr Anju Grewal/ Dr Sanjeev Palta
08:40 – 09:00	Principles of propofol pharmacology in obstetrics (indications, pharmacokinetics, pharmacodynamics and models)	Dr Komal Gandhi
09:00 – 09:20	Principles of remifentanil pharmacology in obstetrics (indications, pharmacokinetics, pharmacodynamics and models)	Dr Sekar Loganathan
09:20 – 09:40	Practical considerations for setting up TIVA/TCI in an obstetric patient (including safety features and checklists)	Dr Vighnesh Ashok
09:40 – 10:10 Breakfast		
10:10 – 10:30	Current evidence, controversies and lacunae in obstetric TIVA/ TCI	Dr Jaya Lalwani
Practical skill stations 10:30 – 12:30		
Station	Topic	Faculty
Station I	Drug calculations, setting up pumps, safety features and pre-use checks (pump malfunction and loss of iv access)	Dr Komal Gandhi/Dr Vighnesh
Station II	Choosing and setting up the right pharmacokinetic models	Dr Jaya Lalwani/ Dr Venkata Ganesh
Station III	Depth of anaesthesia monitoring/ intraoperative awareness	Dr Balbir Kumar/ Dr Bismanjeet
Station IV	Scenarios and crisis management <ul style="list-style-type: none"> <li>Remifentanil PCA for labour analgesia</li> <li>TIVA/TCI for LSCS (category 2)</li> <li>Acute intraoperative haemodynamic instability (PPH)</li> </ul>	Dr Sekar/ Dr Gurudutt/ Dr Savinder Sethi / Dr Ashish
12:30 – 13:00	Post-test , Q & A	Dr Indrani Hemantkumar/ Dr Anju Grewal Dr Sanjeev Palta

Practical Skills Stations Rotation Schedule				
Time	Group A	Group B	Group C	Group D
10:30 – 11:00	Station I	Station II	Station III	Station IV
11:00 – 11:30	Station II	Station III	Station IV	Station I
11:30 – 12:00	Station III	Station IV	Station I	Station II
12:00 – 12:30	Station IV	Station I	Station II	Station III

LUNCH

# Propofol-Remifentanil TIVA/TCI in NORA; Procedural Sedation

Venue: Quorum I, *The Salit, Chandigarh*

Date : 25<sup>th</sup> July 2025

08:00 - 8:30 Registration & Pre-test		
Time	Topic	Speaker
08:30 – 08:40	Introduction and learning objectives	Dr Manoj Kamal/ Dr Vikas Saini/Dr Richa Saroa
08:40 – 09:00	Basics of TIVA -Pharmacokinetics, BET principle, Pharmacology	Dr Nishant Sahay
09:00 – 09:20	PK PD models -Elefeld, Schnider, Marsh, Minto, Hannivort Model	Dr Nishant Kumar
09:20 – 09:40	Safety in Non-Operating Room Anaesthesia in Low-and Middle-Income Countries: Challenges and Opportunities	Dr Avneet
09:40 – 10:10 Breakfast		
10:10 – 11:40 Practical skill stations		
Station	Topic	Faculty
Station I	Setting up TCI/TIVA; choosing the right pharmacokinetic models and pre-use checks	Dr Nishant Sahay/ Dr Avneet/ Dr Naveen Naik
Station II	Depth of anaesthesia monitoring and CLADS	Dr Manoj Kamal/ Dr Varun Mahajan/ Dr Bharat
Station III	TIVA trainer/TIVA Simulator	Dr Nishant Kumar/Dr Apoorwa N Kothari/ Dr Ajay Singh
11:40-12:40 Interactive case-based discussions on use of intravenous anaesthesia		
11:40-11:55	Pediatric MRI	Dr Ankita Bhasin
11: 55-12:10	ERCP	Dr Varun Mahajan
12:10- 12:25	Cardiac cath labs	Dr Avneet Singh
12:25-12:40	Neuro DSA	Dr Nitasha Mishra
12:40 – 13:00	Sedation in GI endoscopy	Medhat Shalabi

Practical Skills Stations Rotation Schedule				
Time	Group A	Group B	Group C	Group D
10:10 – 10:40	Station I	Station II	Station III	Station IV
10:40 – 11:10	Station II	Station III	Station IV	Station I
11:10 – 11:40	Station III	Station IV	Station I	Station II

LUNCH

CONFERENCE STARTS AT 3:00 PM SHARP



# ISA WORLD SIVA CONGRESS 2025

PRE-CONFERENCE WORKSHOP

## Hemodynamic monitoring during intravenous anesthesia: Tools and strategies

Venue: Convention Hall, *The Salit, Chandigarh*

Date : 25<sup>th</sup> July 2025

08:00 - 8:30 Registration & Pre-test & Introduction		
Time	Topic	Speaker
08:30 – 08:50	Basics of TIVA -Pharmacokinetics, BET principle, Pharmacology	Dr Shivakumar MC
08:50 – 09:20	PK PD models -Elefeld, Schnider, Marsh, Minto, Hannivort Model	Dr Subramanyam M
09:20 – 09:40	Advanced hemodynamic monitoring platforms. What is available ? How to choose ?	Dr Bhupesh Kumar
Case based scenarios (10 minutes lightening talks ) 9:40-9:50 9:50-10:00 10:00-10:10	<b>Moderators :</b> Dr Subramanyam M, Dr Shivakumar MC  TCI/TIVA in Transplant TIVA in frail patients TIVA in cardiac surgeries	  Dr Ananya Ray Dr Deepika Gupta Dr Anita Chouhan
10:10 - 10:30 Breakfast		
<b>10:30 - 11:15 “Simulation Case Discussion: TIVA and Hemodynamic” Dr Suraphong Lorsomradee</b> Learning objective: 1. Understand noninvasive hemodynamic monitoring. 2. Understand TIVA as a tool for hemodynamic optimization 3. Tips and tricks for hemodynamic management in moderate to high risk surgery 4. Integration of cerebral and hemodynamic guided balanced anesthesia with TIVA-TCI		
Practical skill stations 11:15 – 12:30		
Station	Topic	Faculty
Station I	Setting up TCI/TIVA Depth of anaesthesia monitoring	Dr Kalpana Shah Dr Deepika Gupta Dr Ananya Ray
Station II	TIVA Trainer/Simulation	Dr Shivakumar MC Dr Vijay Lakshmi
Station III	Hemodynamic monitoring In built safety controls in CLADS	Dr Bhupesh Dr Swati Jindal Dr Jijo Francis
Station IV	Maintaining TCI TIVA in hemodynamically compromised patients	Dr Subramanyam M Dr Anita Chouhan
12:55 – 01:15	Post-test , Q & A	

Practical Skills Stations Rotation Schedule				
Time	Group A	Group B	Group C	Group D
11:15– 11:40	Station I	Station II	Station III	Station IV
11:40 – 12:05	Station II	Station III	Station IV	Station I
12:05 – 12:30	Station III	Station IV	Station I	Station II
12:30 – 12:55	Station IV	Station I	Station II	Station III

LUNCH



# ISA WORLD SIVA CONGRESS 2025

PRE-CONFERENCE WORKSHOP

## TIVA/TCI in tiny tots

Venue: **Crystal Hall, The Salit, Chandigarh**

Date : **25<sup>th</sup> July 202**

<b>08:00 - 8:15 Registration</b>		
08:15-08:30: Pre-Test – Drs. Aakriti/ Sunaakshi		
Time	Topic	Speaker
08:30- 08: 35	Introduction to Workshop	Dr Shishir Chandrashekhar/ Dr. Preethy J Mathew
08:35 – 08:55	Why should I use TCI-TIVA in my pediatric practice?	Dr Shishir Chandrashekhar
08:55 – 09:25	Pediatric vs adult PK/PD; three compartment modeling made easy	Dr Preethy Mathew
09:25 – 09:45	Nuts and bolts- Which model should I use for Propofol?	Dr Shishir Chandrashekhar
09:45 – 10:00	Remifentanyl in TCI-TIVA- a game changer?	Dr Anju Gupta
<b>10:00 - 10:30 Breakfast</b>		
<b>Hands-on skill stations 10:30 – 11:30</b> <b>(3 stations in 3 divided groups- See overleaf)</b>		
Station	Topic	Faculty
Station I (20 min)	Setting up pediatric TCI/TIVA	Dr Deepanjali/ Dr Archana Koul
Station II (20 min)	Simultaneous running of manual, plasma and effect site regimens to demonstrate PK differences	Dr Shishir Chandrashekhar/ Dr Shephali
Station III (20 min)	IV cannulation techniques- Vein-finder, USG guided.	Dr Anju Gupta/Dr Ridhima Sharma
Time	Topic	Speaker
11:30-11:50	Depth of anaesthesia monitoring- What is available and How to go about it?	Dr.Vivek Rayadurg
<b>Problem Based Learning Discussions (PBLD) - 1150-12:20.</b> <b>(2 PBLD in 2 divided groups- See overleaf)</b>		
PBLD 1(15 min)	Suspected Duchenne muscular dystrophy	Dr Anjolie/ Dr. Sunaakshi
PBLD 2 (15 min)	Infant for meningomyelocele with neuromonitoring	Dr. Aakriti/ Dr Shephali
12:20-12:30	Video demonstration of case scenarios	Drs. Anjolie/ Aakriti/ Sunaakshi/ Shephali
<b>12:30-1300: Post-Test – Drs. Aakriti/ Sunaakshi</b> <b>Q&amp;A</b>		

**13:00- LUNCH**

**Hands-on skill stations 10:30 – 11:30**

**(3 stations in 3 divided groups)**

Faculty remain in the stations and participants move from station to station.

Time	Group A	Group B	Group C
10:30 – 10:50	Station I	Station II	Station III
10:50 – 11:10	Station II	Station III	Station I
11:10 – 11:30	Station III	Station I	Station II

**Problem Based Learning Discussions (PBLD) - 1150-12:20.**

**(2 PBLD in 2 divided groups)**

**Participants remain in their seats and faculty swap to the other group.**

Time	Group I	Group II
11:50 – 12:05	PBLD 1	PBLD 2
12:05 – 12:20	PBLD 2	PBLD 1



PRE-CONFERENCE WORKSHOP

# Monitoring TIVA; EEG and Brain State; MEP & SSEP

Venue: Seminar Hall, *The Lalit, Chandigarh*

Date : 25<sup>th</sup> July 2025

08:00 - 8:30 Registration & Pre-test & Introduction		
Time	Topic	Speaker
08:30 – 08:50	TIVA- understanding the basics	Dr Unmesh Bedekar
08:50 – 09:10	Tips and tricks of setting up different models of TIVA/TCI pump	Dr. Rajasekar R
09:10 – 09:30	EEG and EEG Based monitor	Dr. Vishwanath S Bhaire
09:30 – 09:50	TIVA in neurosurgery	Dr. Amiya Kumar Barik
09:50 - 10:20 Breakfast		
Practical skill stations 10:20 – 11:30		
Station	Topic	Faculty
Station I	Setting up TCI/CLADS	Dr. Joseph Monteiro Dr. Rajasekar R Dr Rajarajan
Station II	BIS/Entropy/CONOX/PSI	Dr Satoshi Hagihira Dr. Manisha Katikar Dr. Shiv Lal Soni
Station III	EEG	Dr. Prasanna Bidkar Dr Chamanjot kaur Dr. Kiran Jangra Dr. Amiya Kumar Barik
Station IV	Case Based Management: IONM Case Based Management: TOF guided management of neuromuscular blockade	Dr. Vishwanathan Dr. Unmesh Dr Navneh Samagh
12:40 – 13:00	Post-test, Q & A	

Practical Skills Stations Rotation Schedule				
Time	Group A	Group B	Group C	Group D
10:20 – 10:55	Station I	Station II	Station III	Station IV
10:50 – 11:30	Station II	Station III	Station IV	Station I
11:30 – 12:05	Station III	Station IV	Station I	Station II
12:05 – 12:40	Station IV	Station I	Station II	Station III

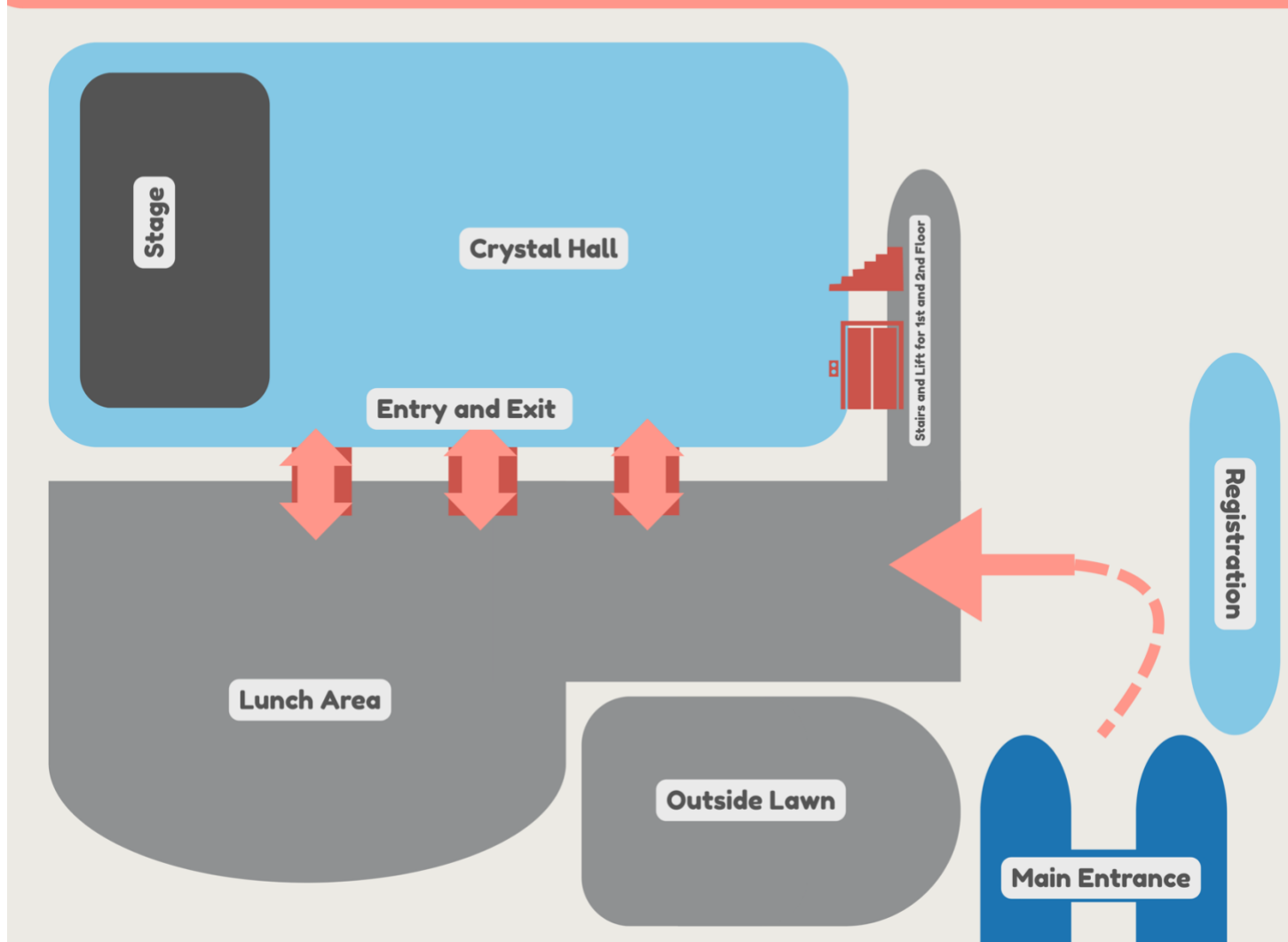
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## ISA WORLD SIVA CONGRESS 2025

PRE-CONFERENCE WORKSHOP

# Layout Plan at The Lalit



The scientific sessions at the conference will be held concurrently in *Crystal Hall*, *Convention Hall*, *Seminar Hall*, and three adjoining halls labelled as Quorum I, II and III. Crystal Hall is located on the ground floor, Convention Hall is located on the first floor, and the remaining four halls are on the second floor.

## SECOND FLOOR PLAN OF THE LALIT

