



AORA^{INDIA} 2019

9th National Conference of the Academy of Regional Anaesthesia of India

Organised by Department of Anaesthesia & Perioperative care, **GANGA HOSPITAL**

04-07 July 2019 | Coimbatore | Venue: Hotel Le Meridien, Coimbatore, TN, INDIA

SCIENTIFIC PROGRAMME

PNS GUIDED NERVE BLOCK



THE ESTEEMED **FACULTY**

in alphabetical order



INTERNATIONAL FACULTY

Dr Adrian Bosenberg
Prof Andre Van Zundert
Dr Christopher Hugh Mitchell
Dr Joselo Macachor
Dr Kapil Gupta
Dr Karen Boretsky
Dr Karunakaran Ramasamy
Dr Marudhachalam

Dr Luc Sermeus
Prof Paul Kessler
Dr Sanjay Sinha
Dr Senthil Kumaran
Dr Shamakanth Desai
Prof Verghese Cherian
Prof Warwick Ngan Kee
Prof Vincent Chan

THE ESTEEMED FACULTY

in alphabetical order



NATIONAL FACULTY

Dr Amit Dikshit
 Dr Anjolie Chabra
 Dr Anshu Gupta
 Dr Arunangshu Chakraborty
 Dr Ashit Subhash Mehta
 Prof Ashok Kumar Saxena
 Dr Azam Danish
 Dr Chaithannya N S
 Prof Davies Vergheese
 Dr Deep Arora
 Dr Deepa Kane
 Dr Hetalkumar Vadera
 Dr Himjyoti Das
 Dr J Balavenkatasubramanian
 Dr Jagruti Desai
 Dr Javed Khan
 Dr Jestu Kurien

Dr M S Kumaraswamy
 Prof Lakshmi Kumar
 Dr M V Kumar
 Dr Mahendran P
 Dr Mutha Sandeep C
 Dr Nandini Malay Dave
 Prof Nibedita Pani
 Dr Omprakash
 Dr Rajendra Kumar Sahoo
 Dr Rakhi Khemka Mittal
 Dr Rupinder Singh
 Dr S Ramesh
 Dr Sachin George
 Dr Sandeep Diwan
 Dr Sajana Mukundan
 Dr Santosh Kumar Sharma
 Dr Satish Krishna Kulkarni

Dr Shailesh Mulgaonkar
 Dr Shivakumar
 Dr Silamban
 Dr Somita Christopher
 Dr Subramanyam Mahankali
 Dr Sudhakar Koppad
 Dr Surajit Giri
 Dr Surekha Shinde
 Dr TVS Gopal
 Brig Prof TVSP Murthy
 Dr Upma Bhatia Batra
 Dr Vaibhavi Upadhye
 Dr Vandana Mangal
 Dr Vanita Ahuja
 Pror Virender Kumar Mohan
 Dr Vrushali Ponde

SESSION 1 | 10.50 - 11.50 am
BASICS OF PERIPHERAL NERVE BLOCKS (60 Minutes)
MODERATORS: Dr Subbiah Chelliah, Coimbatore | Dr Kumaraswamy, Bangalore | Prof Ashok Kumar Saxena, Delhi

1A	10.50 - 11.05	Basic principle of PNS with functional anatomy	Dr Shailesh Mulgaonkar, Mumbai
1B	11.05 - 11.20	Setting up PNS and troubleshooting	Dr Himjyoti Das, Shillong
1C	11.20 - 11.35	Role of PNS in an era of UGRA	Prof Vincent Chan, Canada
1D	11.35 - 11.50	Optimal ergonomics makes dual guidance easy	Dr Christopher Hugh Mitchell, Australia

FOCUS SESSION | 11.50 - 12.35 pm
MODERATORS: Dr Vanita Ahuja, Chandigarh | Dr Anjolie Chabra, New Delhi | Dr Kajal Jain, Chandigarh

Choice of Anaesthesia & Analgesia for upper limb surgeries	Prof Verghese Cherian, USA
Peripheral Nerve Block in a patient with preexisting neurologic disease	Dr Luc Sermeus, Belgium
History of Regional Anaesthesia	Dr TVS Gopal, Hyderabad

SESSION 2 | 12.35 - 1.20 pm
PNS GUIDED INTERSCALENE BRACHIAL PLEXUS BLOCK
MODERATORS: Dr J Balavenkatasubramanian, Coimbatore | Dr Silamban, Chennai | Dr Sanjay Dhiraaj, Lucknow

2A	12.35 - 12.45	Anatomy of Interscalene brachial plexus	Dr Vandana Mangal, Jaipur
2B	12.45 - 12.55	Indication, contraindication, complications	Dr Sachin George, Kochi
2C	12.55 - 1.00	Which motor response to accept and which not to accept	Dr Jestu Kurian, Kochi
2D	1.00 - 1.05	Video of PNS guided Interscalene brachial plexus block	Dr J Balavenkat, Coimbatore
2E	1.05 - 1.15	Practical tips for a successful PNS guided Interscalene block	Dr Silamban, Chennai
2F	1.15 - 1.20	Discussion	

1.20 - 2.00 pm
LUNCH BREAK


SESSION 3 | 02.00 - 02.45 pm
PNS GUIDED SUPRACLAVICULAR BRACHIAL PLEXUS BLOCK

MODERATORS: Dr TVS Gopal, *Hyderabad* | Dr Surajit Giri, *Assam*
 Brig Prof TVSP Murthy, *Rajahmundry*

3A	2.00 - 2.10	<i>Anatomy of supraclavicular brachial plexus</i>	Dr Arunangshu Chakraborty, Kolkatta
3B	2.10 - 2.20	<i>Indication, contraindication, complications</i>	Dr V Surendranath, Chennai
3C	2.20- 2.25	<i>Which motor response to accept and which not to accept</i>	Dr Somita Christopher, Hyderabad
3D	2.25 - 2.30	<i>Video of PNS guided supraclavicular brachial plexus block</i>	Dr Surajit Giri, Sivasagar
3E	2.30 - 2.40	<i>Practical tips for a successful PNS guided supraclavicular block</i>	Dr TVS Gopal, Hyderabad
3F	2.40 - 2.45	<i>Discussion</i>	

FOCUS SESSION | 2.45 - 3.00 pm

Local Anaesthetic Toxicity LAST an update

Prof Andre Van Zundert, Australia

SESSION 4 | 3.00 - 3.45 pm
PNS GUIDED INFRACLAVICULAR BRACHIAL PLEXUS BLOCK

MODERATORS: Dr Sandeep Diwan, *Pune* | Dr Omprakash, *New Delhi*
 Dr Puneet Goyal, *Lucknow*

4A	3.00 - 3.10	<i>Anatomy of Infraclavicular brachial plexus</i>	Dr Shamakanth Desai, Port Blair
4B	3.10 - 3.20	<i>Indication, contraindication, complications</i>	Dr Om Prakash, New Delhi
4C	3.20- 3.25	<i>Which motor response to accept and which not to accept</i>	Dr Surajit Giri, Sivasagar
4D	3.25 - 3.30	<i>Video of PNS guided Infraclavicular brachial plexus block</i>	Dr Sandeep Diwan, Pune
4E	3.30 - 3.40	<i>Practical tips for a successful PNS guided Infraclavicular block</i>	Dr Sandeep Diwan, Pune
4F	3.40 - 3.45	<i>Discussion</i>	

SESSION 5 | 3.45 - 4.45 pm
MISCELLANEOUS

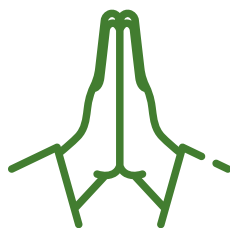
MODERATORS: Dr Sudhakar Koppad, *Bangalore* & Dr Nandini Dave, *Mumbai*
 Prof Neerja Bharti, *Chandigarh*

5A	3.45 - 4.00	<i>PNS Guided lower extremity block in children</i>	Dr Adrian Bosenberg, USA
5B	4.00 - 4.15	<i>Sedation techniques in pediatric regional</i>	Dr S Ramesh, Chennai
5C	4.15 - 4.30	<i>Upper extremity block in children with PNS: Limitations?</i>	Dr Vrushali Ponde, Mumbai
5D	4.30 - 4.45	<i>Caudal Epidural in children: Practical tips</i>	Dr Karen Boretsky, USA

FOCUS SESSION | 4.45 pm - 5.00 pm

Impedance and intraneural injections

Dr Subramanyam Mahankali,
Bangalore



CLOSURE OF DAY 01
Programme continues in Hall A

SESSION 6 | 9.30 - 10.15 am
PNS GUIDED AXILLARY BRACHIAL PLEXUS BLOCK
MODERATORS: Dr Javed Khan, Indore & Dr Rajendra Kumar Sahoo, Bihar | Dr Sunanda Gupta, Udaipur

6A	9.30 - 9.40	Anatomy of axillary brachial plexus	Prof Nibedita Pani, Bhubaneswar
6B	9.40 - 9.50	Indication, contraindication, complications	Dr Omprakash, Delhi
6C	9.50 - 9.55	Which motor response to accept and which not to accept	Dr Sajana Mukundan, Bangalore
6D	9.55 - 10.00	Video of PNS guided axillary brachial plexus block	Dr Javed Khan, Indore
6B	10.00 - 10.10	Practical tips for a successful PNS guided axillary block	Dr Rajendra Kumar Sahoo, Durgapur
6C	10.10 - 10.15	Discussion	

FOCUS SESSION | 10.15 - 10.30 am

Physiology & Management of Hypotension during Spinal Anaesthesia for Caesarean Section

Prof Warwick Ngan Kee, Qatar

10.30 - 10.50 AM
TEA BREAK

SESSION 7 | 10.50 - 11.35 am
PNS GUIDED LUMBOSACRAL PLEXUS BLOCK
MODERATORS: Dr Hetalkumar Vadera, Rajkot | Dr Aarti Agarwal, Lucknow
 Prof Virender Kumar Mohan, New Delhi

7A	10.50 - 11.00	Anatomy of Lumbosacral plexus	Dr Anjolie Chabra, New Delhi
7B	11.00 - 11.10	Indication, contraindication, complications	Dr Javed Khan, Indore
7C	11.10 - 11.15	Which motor response to accept and which not to accept	Dr Mutha Sandeep C, Pune
7D	11.15 - 11.20	Video of PNS guided Lumbosacral plexus block	Dr Himjyoti Das, Shillong
7E	11.20 - 11.30	Practical tips for a successful PNS guided Lumbosacral plexus block	Dr Hetalkumar Vadera, Rajkot
7F	11.30 - 11.35	Discussion	

FOCUS SESSION | 11.35 - 11.50 am
Alkalisiation of LA to enhance block onset - why & why not ?

Dr Satish Krishna Kulkarni, Mumbai

SESSION 8 | 11.50 am - 12.35 pm
PNS GUIDED SCIATIC NERVE BLOCK
MODERATORS: Dr Ashit Subhash Mehta, Solapur | Dr Azam Danish, Bangalore | Dr Santosh Kumar Sharma, Gorakpur

8A	11.50 - 12.00	Anatomy of Sciatic plexus	Dr Surekha Shinde, Pune
8B	12.00 - 12.10	Indication, contraindication, different methods & complications	Dr Surajit Giri, Sivasagar
8C	12.10 - 12.15	Which motor response to accept and which not to accept	Dr Chaithannya N S, Bangalore
8D	12.15 - 12.20	Video of PNS guided sciatic nerve block	Dr Ashit Subhash Mehta, Solapur
8E	12.20 - 12.30	Practical tips for a successful PNS guided sciatic nerve block	Dr Shailesh Mulgaonkar, Mumbai
8F	12.30 - 12.35	Discussion	

FOCUS SESSION | 12.35 - 12.50 pm
MODERATORS: Dr Deep Arora, Delhi & Dr Sudhakar Koppad, Bangalore

Educational strategies to improve quality in Regional Anaesthesia

Prof Paul Kessler, Germany

FOCUS SESSION
MODERATORS: Dr Arunangshu Chakraborty, Kolkata & Dr Rakhi Khemka Mittal, Kolkata

Pro/Con: Mixture of LA's v/s Single LA for PNB'

12.50 - 1.05	PRO (7.30 Minutes)	Dr Vaibhavi Upadhye, Pune
	CON (7.30 Minutes)	Dr Chaithannya N S, Bangalore

1.05 - 2.00 pm
LUNCH BREAK


SESSION 9 | 2.00 - 3.00 pm
WHAT IS NEW IN PNS GUIDED BLOCK
MODERATORS: Dr Himjyoti Das, *Shillong* | Dr Navneet Sinha, *UK*
 Dr Anshu Gupta, *New Delhi*

9A	2.00 - 2.10	Stimulating catheter	Dr Sandeep Diwan, <i>Pune</i>
9B	2.10 - 2.20	Percutaneous nerve localization	Dr Senthil Kumaran, <i>UK</i>
9C	2.20 - 2.30	Multistimulation techniques for peripheral nerve blocks	Dr Joselo Macachor, <i>Singapore</i>
9D	2.30 - 2.40	Injection and current delivery monitoring	Dr K Marudhachalam, <i>Australia</i>
9E	2.40 - 2.50	Adjuvants to Local Anaesthetic: an update	Dr Karunakaran Ramasamy, <i>UK</i>
9F	2.50 - 3.00	Q & A Session	

SESSION 10 | 3.00 - 3.45 pm
PNS GUIDED FEMORAL NERVE & 3 IN 1 BLOCK
MODERATORS: Dr Shailesh Mulgaonkar, *Mumbai* | Dr Mahendran P, *Chennai*
 Dr Upma Bhatia Batra, *New Delhi*

10A	3.00 - 3.10	Anatomy of femoral nerve	Dr Jagruti Desai, <i>Nasari</i>
10B	3.10 - 3.20	Indication, contraindication, complications	Dr Deepa Kane, <i>Mumbai</i>
10C	3.20 - 3.25	Which motor response to accept and which not to accept	Dr Rupinder Singh, <i>Ludhiana</i>
10D	3.25 - 3.30	Video of PNS guided femoral nerve & 3 in 1 block	Dr Shailesh Mulgaonkar, <i>Mumbai</i>
10E	3.30 - 3.40	Practical tips for a successful PNS guided femoral nerve	Dr Azam Danish, <i>Bangalore</i>
10F	3.40 - 3.45	Discussion	

FOCUS SESSION | 3.45 - 4.00 pm
MODERATORS: Dr Azam Danish, *Bangalore* & Dr Javed Khan, *Indore*

Femoral Block: Has it stood the test of time?

 Dr Sanjay Sinha, *USA*

SESSION 11 | 4.00 - 5.00 pm
MISCELLANEOUS
MODERATORS: Dr Kapil Gupta, *Canada* | Prof Davies Verghese, *Thrissur* | Dr Hetalkumar Vadera, *Rajkot*

11A	4.00 - 4.10	<i>Documentation of block procedure</i>	Dr Amit Dikshit, Pune
11B	4.10 - 4.20	<i>ASRA guidelines for Regional anaesthesia in a patient on anticoagulant</i>	Prof Lakshmi Kumar, Kochi
11C	4.20 - 4.40	<i>PNS guided thoracic blocks</i>	Dr Santosh Kumar Sharma, Gorakhpur
11D	4.40 - 5.00	<i>PNS guided abdominal blocks</i>	Dr Surajit Giri, Sivasagar



CLOSURE OF DAY 02
Programme continues in Hall A