



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
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 Nandini Malay Dave
Prof Nibedita Pani
Dr Nitin Gawai
Dr Omprakash
Dr Rajendra Kumar Sahoo
Dr Rupinder Singh
Dr S Ramesh
Dr Sachin George
Dr Sandeep Diwan
Dr Mutha Sandeep C
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 Satish Kulkarni, Mumbai | Dr Kumaraswamy, Bangalore
Prof Ashok Kumar Saxena, Delhi

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

FOCUS SESSION | 11.50 - 12.35 pm
MODERATORS: Dr Vanita Ahuja, Chandigarh & Dr M V Kumar, Bangalore

<i>Choice of Anaesthesia & Analgesia for upper limb surgeries</i>	Prof Verghese Cherian, USA
<i>Peripheral Nerve Block in a patient with preexisting neurologic disease</i>	Dr Luc Sermeus, Belgium
<i>History of Regional Anaesthesia</i>	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	<i>Anatomy of Interscalene brachial plexus</i>	Dr Vandana Mangal, Jaipur
2B	12.45 - 12.55	<i>Indication, contraindication, complications</i>	Dr Sachin George, Kochi
2C	12.55 - 1.00	<i>Which motor response to accept and which not to accept</i>	Dr Jestu Kurian, Kochi
2D	1.00 - 1.05	<i>Video of PNS guided Interscalene brachial plexus block</i>	Dr J Balavenkat, Coimbatore
2E	1.05 - 1.15	<i>Practical tips for a successful PNS guided Interscalene block</i>	Dr Silamban, Chennai
2F	1.15 - 1.20	<i>Discussion</i>	

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, <i>Kolkatta</i>
3B	2.10 - 2.20	<i>Indication, contraindication, complications</i>	Dr V Surendranath, <i>Chennai</i>
3C	2.20- 2.25	<i>Which motor response to accept and which not to accept</i>	Dr Somita Christopher, <i>Hyderabad</i>
3D	2.25 - 2.30	<i>Video of PNS guided supraclavicular brachial plexus block</i>	Dr Surajit Giri, <i>Sivasagar</i>
3E	2.30 - 2.40	<i>Practical tips for a successful PNS guided supraclavicular block</i>	Dr TVS Gopal, <i>Hyderabad</i>
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>	
4B	3.10 - 3.20	<i>Indication, contraindication, complications</i>	Dr Omprakash, <i>New Delhi</i>
4C	3.20- 3.25	<i>Which motor response to accept and which not to accept</i>	Dr Nitin Gawai, <i>Pune</i>
4D	3.25 - 3.30	<i>Video of PNS guided Infraclavicular brachial plexus block</i>	Dr Sandeep Diwan, <i>Pune</i>
4E	3.30 - 3.40	<i>Practical tips for a successful PNS guided Infraclavicular block</i>	Dr Sandeep Diwan, <i>Pune</i>
4F	3.40 - 3.45	<i>Discussion</i>	

SESSION 5 | 3.45 - 4.45 pm

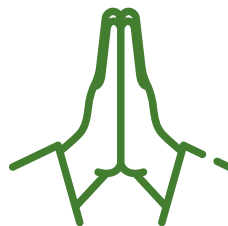
MISCELLANEOUS

MODERATORS: Dr Sudhakar Koppad, *Bangalore* & Dr Nandini Dave, *Mumbai*

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

FOCUS SESSION | 4.45 pm - 5.00 pm

<i>Impedance and intraneural injections</i>	Dr Subramanyam Mahankali, <i>Bangalore</i>
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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

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

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 MV Kumar, Bangalore
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

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

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

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 Vergheese, *Thrissur*

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



CLOSURE OF DAY 02
Programme continues in Hall A