



## Dr Nidhi Singh

MD, DNB, DM (Neuroanesthesia), DrNB, MNAMS  
Assistant Professor, SGPGIMS, Lucknow

### Professional qualifications:

DrNB(Neuroanesthesiology)	2023	National Board of Examination
DM (Neuroanesthesiology)	2021	Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh
DNB (Anesthesia)	2018	National Board of Examination
MNAMS	2018	National Academy of Medical Sciences
MD (Anesthesia)	2017	Dayanand Medical College (DMC), Ludhiana
MBBS	2012	Government Medical College (GMC), Amritsar

Registered with Punjab Medical College, Regt no. 45012

### Teaching experience:7 years

Assistant Professor	July 2021 till date	SGPGIMS, Lucknow	3 years
SR (DM Neuroanesthesia)	July 2018 to June 2021	PGIMER, Chandigarh	3 years
SR Anesthesia	Feb to June 2018	SGPGIMS, Lucknow	4 months

### Awards:

- **President's Gold Medal** in the specialty of Neuro Anaesthesia for DrNB Final Examination held in the December 2022 session, conferred at 22nd Convocation of National Board of Examinations in Medical Sciences (NBEMS) in May 2024
- Awarded with **MNAMS** by National Academy of Medical Sciences, Delhi in 2022

**Miscellaneous:**

- BLS and ACLS provider , ATLS provider, BLS and ACLS instructor
- Completed Basic Course in Biomedical Research
- Research projects: As Principal Investigator (PI):1, As Co-PI: 3
- Co-guide in MD Anesthesia thesis (3)
- Workshops conducted (3)
- Invited faculty lectures (15)
- Reviewer for Anesthesia journals (IJA, JNACC, BMC Anesthesiology)
- Registration with professional bodies (ISA, ISNACC, ISICPM, SACTEM)

**Publications (Last 5 years): 40** (16 original articles+ 9 case reports+ 5 letters to editor+ 8 book chapters+2 newsletter articles)

<b>Original articles</b>	
1.	<b>Singh N</b> ; Sachdev S; Regmi, S; Joys, S; Jindal, H; Singh, T; Maheshwari, N; Mahajan, Shalvi; Jangra, Kiran; Soni, Shiv L.; Kalaria, Narendra; Luthra, Ankur; Chauhan, Rajeev; Panda, Nidhi Bidyut; Singh, Apinderpreet3; Bhagat, Hemant. Effect of Peri-operative Blood Transfusion on Neurological Outcome Following Aneurysmal Subarachnoid Hemorrhage: A Prospective Observational Study. <i>Neurology India</i> 72(1):p 58-63, Jan–Feb 2024.   <a href="https://doi.org/10.4103/ni.ni_1242_21">doi: 10.4103/ni.ni_1242_21</a>
2.	<b>Singh N</b> , Gupta S, Kathuria S. Dexmedetomidine vs dexamethasone as an adjuvant to 0.5% ropivacaine in ultrasound-guided supraclavicular brachial plexus block. <i>J Anaesthesiol Clin Pharmacol.</i> 2020 Apr-Jun;36(2):238-243. <a href="https://doi.org/10.4103/joacp.JOACP_176_19">doi: 10.4103/joacp.JOACP_176_19</a> .
3.	Bhagat H, Sharma T, Mahajan S, Kumar M, Saharan P, Bhardwaj A, Sachdeva N, Gandhi K, Jangra K, Panda NB, Singla N, Kishore K, <b>Singh N</b> . Intravenous versus inhalational anesthesia trial for outcome following intracranial aneurysm surgery: A prospective randomized controlled study. <i>Surg Neurol Int.</i> 2021 Jun 21;12:300. <a href="https://doi.org/10.25259/SNI_342_2021">doi: 10.25259/SNI_342_2021</a> .
4.	Pruthi G, Gupta M, Bharathi KS, <b>Singh N</b> , Sood D, Singh K, <i>et al.</i> Dexamethasone versus fentanyl as an adjuvant to ropivacaine in ilioinguinal and iliohypogastric nerve block for postoperative analgesia: A prospective randomized double-blind trial in lower-segment cesarean section. <i>Indian J Pain</i> 2023;37:27-33. <a href="https://doi.org/10.4103/ijpn.ijpn_21_22">doi: 10.4103/ijpn.ijpn_21_22</a> .
5.	Thappa P, <b>Singh N</b> , Luthra A, Deshpande P, Chauhan R, Meena SC, Kumar V, Singla N. Comparison of Intraoperative Low-Dose Ketodex and Fentanyl Infusion for Postoperative Analgesia In Spine Surgery: A Prospective Randomized Double-Blind Study. <i>Asian Spine J.</i> 2023 Aug 14. <a href="https://doi.org/10.31616/asj.2022.0439">https://doi.org/10.31616/asj.2022.0439</a>
6.	Soni V, Reddy A, <b>Singh N</b> , Chauhan R, Sarna R, Meena SC, Luthra A, Tripathi M. Comparison of The Efficacy of Sterile Silicone Studs vs Lidocaine for the Attenuation of the Hemodynamic Response to Skull Pin Insertion: A Randomized Controlled Trial. <i>World Neurosurg.</i> 2024 Jul;187:e577-e584. <a href="https://doi.org/10.1016/j.wneu.2024.04.131">doi: 10.1016/j.wneu.2024.04.131</a> .
7.	Sarna R, Patel S, <b>Singh N</b> , Bloria S, Chauhan R, Meena S, Luthra A, Soni V, Mohindra S, Thappa P. Sterile Silicone Studs (SSS) a non-pharmacological modality for prevention of hemodynamic response to skull pin insertion: A pilot study. <i>World Neurosurg.</i> 2023 Jul 7:S1878-8750(23)00937-3. <a href="https://doi.org/10.1016/j.wneu.2023.07.005">https://doi.org/10.1016/j.wneu.2023.07.005</a>
8.	Karki Y, Sarna R, <b>Singh N</b> , Chauhan R, Meena SC, Luthra A, Thappa P. Prevention of pain on injection of propofol using ice gel pack versus pre-treatment with lignocaine: a randomized controlled trial. <i>J Anesth.</i> 2023 Aug;37(4):616-623. <a href="https://doi.org/10.1007/s00540-023-03216-1">https://doi.org/10.1007/s00540-023-03216-1</a>
9.	Gopal J, Srivastava S, <b>Singh N</b> , Haldar R, Verma R, Gupta D, Mishra P. Pulse Pressure Variance (PPV)-Guided Fluid Management in Adult Patients Undergoing Supratentorial Tumor Surgeries: A Randomized Controlled Trial. <i>Asian J Neurosurg.</i> 2023 Sep 22;18(3):508–15. <a href="https://doi.org/10.1055/s-0043-1771364">doi: 10.1055/s-0043-1771364</a> .
10.	Chhatrapati S, Bloria S, <b>Singh N</b> , Paul S, Luthra A, Kataria KK, <i>et al.</i> Comparison of modified Mallampati test and thyromental height test for preoperative airway assessment: A prospective observational study. <i>Indian Anaesth Forum</i> 2021;22:47-52. <a href="https://doi.org/10.4103/TheIAForum.TheIAForum_112_20">doi: 10.4103/TheIAForum.TheIAForum_112_20</a>
11.	Dengre A, Haldar R, Kannaujia AK, <b>Singh N</b> , Mohindra S, Mishra P. Outcomes and evaluation of endoscopic retrograde cholangiopancreatography via Gastro-Laryngeal Tube in adult patients: a prospective randomised control study. <i>Expert Rev Med Devices.</i> 2023 Aug 21:1-8. <a href="https://doi.org/10.1080/17434440.2023.2246871">doi: 10.1080/17434440.2023.2246871</a> .
12.	Kanan R, Sarna R, Bharti N, Panda NB, Chauhan R, <b>Singh N</b> , <i>et al.</i> Evaluation of the changes in middle cerebral artery flow velocity related to different positions of patients during posterior fossa surgery. <i>Surg Neurol Int</i> 2022;13:541 <a href="https://doi.org/10.25259/SNI_874_2022">doi: 10.25259/SNI_874_2022</a>
13.	Xess PA, Sarna R, Sethi S, Chauhan R, Meena SC, Saini V Luthra A, <b>Singh N</b> . Effect of CoolSense and EMLA Cream on Pain During Intravenous Cannulation in Pediatric Population: A Randomized, Controlled Trial. <i>Indian J Pediatr.</i> 2022 Jun 29 <a href="https://doi.org/10.1007/s12098-022-04233-w">https://doi.org/10.1007/s12098-022-04233-w</a>
14.	Joys S, Panda NB, Ahuja CK, Luthra A, Tripathi M, Mahajan S, Kalaria N, Jain C, <b>Singh N</b> , <i>et al.</i> Comparison

	of Effects of Propofol and Sevoflurane on the Cerebral Vasculature Assessed by Digital Subtraction Angiographic Parameters in Patients Treated for Ruptured Cerebral Aneurysm: A Preliminary Study. J NeurosurgAnesthesiol. 2022 Jan 28;doi:10.1097/ANA.0000000000000833
15.	Chauhan R, Bloria SD, Thappa P, Sharma R, Sarna R, Meena SC, Luthra A, Panda NB, Mohindra S, <b>Singh N</b> , Patel S. Assessment of the Efficacy of an Automated AMBU Bag Operating Device (RC Device) in Patients Requiring Mechanical Ventilation: A Pilot Study. Indian Journal of Neurotrauma. 2024 Jun 14. doi.org/10.1055/s-0043-1777675.
16.	Reddy A, <b>Singh N</b> , Kalaria N, Soni SL, Singh A, Naik NB, Thappa P, Panda N. Fiberoptic Bronchoscope Guided Assessment of Vocal Cord Function Using Bailey's Manoeuvre With an I-Gel Supraglottic Airway Device in Patients Undergoing Thyroid Surgery: An Initial Exploratory Prospective Study. Clin Otolaryngol. 2024 Sep 30. doi: 10.1111/coa.14227.
	<b>Case Reports</b>
17.	<b>Singh N</b> , Sarna R, Tripathi M, Chauhan R, Kumar S. Anesthetic Challenges in a Patient of Morquio Syndrome Associated with Acromegaly. Ann Neurosci. 2022 Oct;29(4):245-248. doi: 10.1177/09727531221137403. <a href="https://doi.org/10.1177/09727531221137403">https://doi.org/10.1177/09727531221137403</a>
18.	<b>Singh N</b> , Chauhan R, Sarna R, Mohan A. Tracheal tube kinking amidst prone position during neurosurgical procedures: An attempt to elucidate the mechanism. J PediatrNeurosci. 2021;16:332-4 <a href="https://doi.org/10.4103/jpn.jpn_226_20">https://doi.org/10.4103/jpn.jpn_226_20</a>
19.	<b>Singh N</b> , Jangra K, Regmi S, Singh A. Isolated Bradycardia During Aneurysmal Clipping: Rebled or Trigemino-cardiac Reflex? Journal of Neuroanaesthesiology and Critical Care. 2021 Jun;8(02):139-41. <a href="https://doi.org/10.1055/s-0040-1710298">DOI: 10.1055/s-0040-1710298</a>
20.	<b>Singh N</b> , Jangra K, Soni SL, Virk R, Singh A. Hoarseness of Voice in a Patient with Posterior Fossa Tumor: A Diagnostic Error. Journal of Neuroanaesthesiology and Critical Care. 2022 Mar;9(01):64-5. <a href="http://dx.doi.org/10.1055/s-0041-1734420">http://dx.doi.org/10.1055/s-0041-1734420</a>
21.	<b>Singh N</b> , Regmi S, Jangra K. Anesthetic considerations in a patient with large cavernous carotid aneurysm with scoliosis: A case report. J Neuroanaesthesiol Crit Care 2023;10:196–198. doi: 10.1055/s-0043-1770778.
22.	Kanungo A, <b>Singh N</b> , Barik AK Anaesthetic management of a toddler with uncorrected tetralogy of Fallot undergoing surgery for epidural haematoma. BMJ Case Reports CP 2022;15:e249961. <a href="https://doi.org/10.1136/bcr-2022-249961">https://doi.org/10.1136/bcr-2022-249961</a>
23.	Naik BN, <b>Singh N</b> , Aditya AS, Gupta A, Prabhakar N, Grover S. Pulmonary embolism confounded with COVID-19 suspicion in a catatonic patient presenting to anesthesia for ECT: a case report. Braz J Anesthesiol. 2021 May-Jun;71(3):292-4. <a href="https://doi.org/10.1016/j.bjane.2021.02.031">https://doi.org/10.1016/j.bjane.2021.02.031</a>
24.	Samagh N, <b>Singh N</b> , Jangra K, Kumar A. Endovascular Coiling in a Patient with Chronic Kidney Disease—A Challenge for Anesthesiologist. Journal of Neuroanaesthesiology and Critical Care. 2021 Sep;8(03):207-10 <a href="http://dx.doi.org/10.1055/s-0040-1712081">http://dx.doi.org/10.1055/s-0040-1712081</a>
25.	Chauhan R, <b>Singh N</b> , Reddy A, Singh A. The role of dexmedetomidine in post cranioplasty refractory status epilepticus. Anaesthesia Reports. 2023 Jul;11(2):e12246. <a href="https://doi.org/10.1002/anr3.12246">https://doi.org/10.1002/anr3.12246</a>
	<b>LTEs</b>
26.	<b>Singh N</b> , Regmi S, Kataria KK, Bhagat H. Ganglionic trigeminocardiac reflex: A less known presentation of a well-known entity. Indian J Anaesth. 2020 Mar;64(3):245-246. <a href="https://doi.org/10.4103/ija.ija_759_19">https://doi.org/10.4103/ija.ija_759_19</a>
27.	<b>Singh N</b> , Sarna R, Chauhan R et al. Continuous End-tidal CO <sub>2</sub> Monitoring during Awake Craniotomy: A Reliable Makeshift Modality. J Postgrad Med Edu Res 2022;xx(xx):1–2. <a href="https://doi.org/10.5005/jp-journals-10028-1609">https://doi.org/10.5005/jp-journals-10028-1609</a>
28.	Rajappa D, Bloria S, <b>Singh N</b> , Panda NB. Concurrent brain and lung hydatid cyst in a paediatric patient: Anaesthetic challenges. Indian J Anaesth. 2020 Nov;64(11):993-5. <a href="https://doi.org/10.4103/ija.ija_604_20">https://doi.org/10.4103/ija.ija_604_20</a>
29.	Thakur H, <b>Singh N</b> , Makkar JK, Jain K. Persistent guidewire-induced arrhythmias following central venous catheterization in traumatic brain injury. Indian Anaesth Forum 2021;22:195-6 <a href="https://doi.org/10.4103/TheIAForum.TheIAForum_46_21">doi: 10.4103/TheIAForum.TheIAForum_46_21</a>
30.	Saini N, Reddy A, Hebbar C, Chauhan R, <b>Singh N</b> . Improving the conduit for nasal intubation-The patient's little finger. PaediatrAnaesth. 2024 Jan;34(1):92-93. <a href="https://doi.org/10.1111/pan.14777">https://doi.org/10.1111/pan.14777</a>
	<b>Book chapters</b>

31.	Jugular Venous Oximetry in “Principles and Practice of Neurocritical Care”, Textbook 2024 <a href="http://dx.doi.org/10.1007/978-981-99-8059-8_7">http://dx.doi.org/10.1007/978-981-99-8059-8_7</a> <a href="https://link.springer.com/book/10.1007/978-981-99-8059-8">https://link.springer.com/book/10.1007/978-981-99-8059-8</a> (Editor: Dr Hemanshu Prabhakar Vasudha Singhal, Kapil Zirpe, Harsh Sapra)
32.	Guillian Barre Syndrome (Jan 2024) in “Neurological and Neurosurgical Emergencies”, Textbook 2024 (Editor: Dr Hemanshu Prabhakar) <a href="http://dx.doi.org/10.1016/B978-0-443-19132-9.00024-8">http://dx.doi.org/10.1016/B978-0-443-19132-9.00024-8</a>
33.	Regional blocks for neurosurgeon in Ramanurthi and Tandon’s Textbook of Neurosurgery (Jaypee) (Editors: Prakash Narain Tandon, Ravi Ramamurthi)
34.	Haemorrhagic Stroke: Intracerebral Haemorrhage & Aneurysmal Subarachnoid Haemorrhage in “Critical Care Perspectives: From Theory to Practice”, 2024 (Editors: Dr. Suhail Sarwar Siddiqui, Dr. Tanmoy Ghatak, and Dr. Soumya Shankar Nath)
35.	Delirium in ICU in “Critical Care Perspectives: From Theory to Practice”, 2024 (Editors: Dr. Suhail Sarwar Siddiqui, Dr. Tanmoy Ghatak, and Dr. Soumya Shankar Nath)
36.	Posterior Reversible Encephalopathy Syndrome in “Critical Care Perspectives: From Theory to Practice”, 2024(Editors: Dr. Suhail Sarwar Siddiqui, Dr. Tanmoy Ghatak, and Dr. Soumya Shankar Nath) Published by: Jaypee Brothers Medical Publishers (P) Ltd.
37.	Anesthesia for Pituitary Surgery, Publisher: Springer
38.	Neuroanatomy: Essentials of Neuroanaesthesia (Editor: Hemanshu Prabhakar)
<b>Newsletter articles</b>	
39.	Covid-19 and Neuroanaesthesia -A Resident’s perspective (ISNACC)
40.	Trial of trials: Axone March 2023 (SNCC)