



FACULTY PROFILE DR MADHAVI SINGH

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| 1. | Name of the Faculty | Dr. Madhavi Singh |
| 2. | Department | Anaesthesia |
| 3. | Current Designation | Associate Professor |
| 4. | Registration Number | 50201 |
| Academic Qualifications | | |
| 5. | UG Qualification + Name of College/Institute | MBBS, December 1991. CMC Vellore |
| 6. | PG Qualification + Name of College/Institute | M.D., Anaesthesia, March 1997, CMC Vellore |
| 7. | Any Additional Qualifications | - |

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| 8. | Number of Years of Experience | 24 years experience 3 years post MD in CMC Vellore 2 years in RGH, Adelaide 7 years Assistant Professor in NIMS, Hyderabad 9 years, Consultant Anaesthetist in Axon Anaesthesia Associates, Hyderabad 3 years Associate Professor (AIMSR) |
| 9. | Publications (in Vancouver Style) | 1. Singh M , Cherian V. The endotracheal “ pull-back” test. Correspondence. Anesthesia, April 2000, 55 page 395. Letter to Editor 2. Singh M , Gopinath R. Topical analgesia for chest drain removal in cardiac patients. Journal of Cardiothoracic and Vascular anesthesia, December 2005; 19: 719-22. Original Article 3. Singh M , Ravindra PS, Gopinath R. Sevoflurane induced myoclonic seizures in the post-operative period-A case report. Journal of Clinical Pharmacology and Anesthesia. 2008; 24: 83-84. Case Report 4. Singh M , Kulkarni D, Gopinath R. Bispectral Index Monitoring may not be an Effective Tool to Enhance Performance of the “Wake-up” Test during Scoliosis Surgery. Journal of Clinical Pharmacology and Anesthesia 2009; 25: 179-182 Original Article. |

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| | | <p>5. Singh M, Gopinath R. When to say Yes ,When to say No, in regional Anesthesia. Review article. (published in NIMS clinical proceedings)</p> <p>6. Singh M, Gopinath R. Posterior Reversible Encephalopathy Syndrome. JOACP 2009,25:243-44. Case Report</p> <p>7. Singh M, Gopinath R. CNS monitoring : Options available for the Anesthetist. Update in Anaesthesiology RSACP CON 2009. Chapter 9. pp 61-68.</p> <p>8. Singh M, Kulkarni D. Dexmedetomidine Infusion for Implantation Of Microelectrodes in Deep Brain Stimulation (DBS) : A Case Report. JOACP 2010;26:255-256.</p> <p>9. Sreekanth Y, Gopinath R, Singh M et al. Foreign body causing destroyed lung-The case of a missing tooth. The Indian Anaesthetists' Forum, Oct 2011, Online ISSN 0973-0311.</p> <p>10. Gopinath R, Sreekanth Y, Singh M, Prasad VBN. Impact of Supplementing Preoperative Intravenous Omega 3 Fatty Acids in Fish Oil on Immunomodulation in Elderly Patients Undergoing Hip Surgery. Indian J Surg. 2013 Dec;75(6):478-84. Original Article</p> |
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| | | <p>11. Singh M. Lath D. Reddy J, Balakrishna N. Knowledge and Attitude regarding the COVID-19 pandemic among healthcare workers at a medical college and hospital in South India. Natl J Physiol Pharm Pharmacol 2020;10:1065-1071. Original Article</p> <p>12. Singh M, Nath G. Artificial intelligence and anesthesia: A narrative review. Saudi J Anaesth 2022;16:86-93. Review Article</p> <p>13. Singh M, Konduri S, Balakrishna N. Introductory Session to Direct Laryngoscopy and Endotracheal Intubation for Medical Interns: Is Video-laryngoscopy a Useful Teaching Aid? J Res and Innov Anesth 2022;7(1):10–13. Original Article.</p> |
| 10. | Presentations (in Conferences/ CMEs) | <p>1. Crisis Management, CMC Vellore, 1994</p> <p>2. “Use of Sodium Bicarbonate in CPR”-A Debate, ISA South zone, ISA, Cochin, 1995</p> <p>3. Central aortic to radial artery pressure gradient in patients undergoing CPB, free paper ISA conference, Hyderabad, 1996</p> <p>4. Faculty at CPR CME, vellore, 1999</p> |

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| | | <p>5. South Australia Anaesthesia meet, Adelaide, 2002</p> <p>6. “Topical Analgesia for chest drain removal in cardiac patients”-poster presentation at RSACP meet, Mumbai,2004. This poster won the first prize.</p> <p>7. HYCOME(Hyderabad),2004,2005 and 2006.</p> <p>8. Haemodynamic monitoring workshop, Hyderabad,2005</p> <p>9. RSACP workshop,CMCH,Vellore 2005;faculty member for the case discussion session</p> <p>10. “BIS monitoring during wake-up test in Scoliosis surgery”- free paper in ISA-South Zone Meet ,Pondicherry ,2006.</p> <p>11. “Transfusion practice in a cardiac surgical setup- an audit”-poster presentation at ISCCM, Kochi 2007.</p> <p>12. Workshop on Ultrasound guided nerve blocks, 2007, at Hyderabad.</p> <p>13. ISNACC, 2008, Hyderabad.</p> <p>14. ISA South Zone Conference Hyderabad 2009. Presented free paper titled “Estimated duration of surgery Is it useful to the Anesthetist”.</p> <p>15. RSACP CON 2009, New Delhi. Presented lecture titled : CNS Monitoring : Options available for the Anesthetist”.</p> |
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| | | <p>16. ISSP 2011, Chandigarh. Quiz Master for Quiz on Pain.</p> <p>17. AP Criticon 2011, Vishakapatnam, AP. Faculty for workshop on mechanical ventilation.</p> <p>18. Young Pain Physician meet 2011, Hyderabad. Presented lecture titled “Approach to back pain”.</p> <p>19. IARS, San Diego - USA, 2013. Poster presentation. Role of preoperative hydration with balanced salt solution in decreasing the incidence of postoperative nausea and vomiting.</p> <p>20. ISSNACC 2014, 2015 : faculty and chairperson</p> <p>20. TISACON 2016, 2017, 2018: Faculty, speaker, chairperson and judge for free paper</p> <p>21. SIMULUS 4 (New Delhi) 2019 Best poster award for “ Teaching basic Anaesthesia skills with Simulation.</p> <p>22. Faculty for TARGET 2020 held at Gandhi Medical College in Feb 2020</p> <p>23. Revised Basic Course Workshop and Training in Attitude, Ethics and Communication. August 19-21, 2021. AIMSRS, Hyderabad.</p> <p>24. Case report at Telangana State conference, Warangal 2021 : Anesthetic Implications of</p> |
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| | | <p>gestational trophoblastic disease with anemia and hyperthyroidism</p> <p>Presentation by Dr.Sumedha, PG.</p> <p>25. Free paper at ISA NATIONAL CONFERENCE 2021 (VIRTUAL) at Gandhinagar titled “ Gasman Simulation for low flow Anesthesia “ presentation by Dr.Sowmya Kasa, SR.</p> <p>23. Completed the Basic Course in Biomedical Research, April 2022.</p> <p>24. Faculty for TISSACON, July 16th and 17th 2022 held at AIMS SR</p> <p>24. Faculty for Target 2022, October 22nd and 23rd.</p> |
| 11. | Projects (Ongoing & Completed) | <p>Thesis</p> <ol style="list-style-type: none"> 1. Use of IV labetalol for obtundation of intubation stress response 2. Ketorolac vs Dexmedetomidine adjuvant to axillary block <p>Submitted for Ethics approval – Endotracheal tube cuff pressure measurement by 2 devices</p> |
| 12. | Positions Held / Accomplishments / Awards / Grants (if applicable) | <p>DNB Anaesthesia Academic Incharge for Care Hospitals.</p> <p>Best Teaching Faculty 2018-19 : ANBAI, AP and TS Chapter</p> |
| 13. | Areas of Interest | ACLS and BLS qualified instructor |