

Malabar Medical College Hospital & Research Centre

DEPARTMENT OF ANAESTHESIOLOGY

TOTAL PUBLICATIONS: 48

STAFF & TOTAL PUBLICATIONS:

1. Dr. Radha K R – Professor & HoD: 11
2. Dr. Paul O Raphael – Professor: 13
3. Dr. Ravi Kumar – Professor: 9
4. Dr. Vasantha O T – Professor: 3
5. Dr. Farha P K – Associate Professor: 3
6. Dr. Neera Valsan – Associate Professor: 4
7. Dr. Rinu Jonsan – Assistant Professor: 1
8. Dr. Ragu K – Assistant Professor: 1
9. Dr. Muhammed Raoof V K – Assistant Professor: 2
10. Dr. Mazhar Zulfikar – Senior Resident: 1

PUBLICATIONS

DR. RADHA K R

1. Radha Korumbil Raghavan, Jino Raju, MC Vipin, KP Biji. Comparison of intrathecal hyperbaric bupivacaine and levobupivacaine in lower limb orthopaedic surgeries: a prospective interventional study. J Clin Diagn Res. 2026;20(5):UC01-UC05. doi:10.7860/JCDR/2026/85526.23200.
2. Radha Korumbil Raghavan, Ananda Lakshmi, KP Biji, S Syamkumar, A Krishnadas, VK Prathapan, J Preetha. Clinical and biochemical effects of preoperative oral carbohydrate loading versus fasting in major abdominal surgeries: a randomised clinical study. J Clin Diagn Res. 2025;19(6):UC29-UC33. doi:10.7860/JCDR/2025/78612.21105.
3. Radha Korumbil Raghavan, Anjali Chandrasekharan, Biji Kannammadathy Poullose. Prospective cohort study comparing varying doses of cisatracurium and atracurium on intubating conditions in patients undergoing laparoscopic cholecystectomy. J Clin Diagn Res. 2021;15(4):UC11-UC13. doi:10.7860/JCDR/2021/48203.14762.
4. Radha Korumbil Raghavan, Rony Mathew, Hema Vadakkoot Raghavan. Effect of perineural and intravenous dexamethasone on duration of analgesia in supraclavicular brachial plexus block with bupivacaine: a comparative study. Anesth Essays Res. 2019;13(2):280-283. doi:10.4103/aer.AER_15_19.
5. Radha Korumbil Raghavan, Ashtamoorthi Mylamkodath Kesavan, Fijul Komu. Comparison of effect of magnesium sulphate and preservative-free ketamine as an adjunct to epidural bupivacaine for postoperative analgesia in abdominal hysterectomy. J Evid Based Med Healthc. 2017;4(63):3774-3778. doi:10.18410/jebmh/2017/753.

6. Radha Korumbil Raghavan, Bindu Meleveethil, Ushakumary Raghunathan. Effects of priming on onset time and intubating conditions with rocuronium: a prospective randomised comparative study. *J Evid Based Med Healthc.* 2017;4(7):351-354.
7. Radha Korumbil Raghavan, Shiril Ashraf. The effects of magnesium sulfate and dexamethasone as additives to local anaesthetic in supraclavicular block: a randomised controlled study. *J Evid Based Med Healthc.* 2017;4:4254-4257.
8. Radha Korumbil Raghavan, Ushakumary Raghunathan, Bindu Meleveethil, Anis Jassir Meleveethil. Intrathecal neostigmine with hyperbaric bupivacaine on the effects of spinal anaesthesia and postoperative analgesia: a randomised prospective double blind study. *Indian J Clin Anaesth.* 2016;3(4):626-630.
9. Radha Korumbil Raghavan, Ushakumary Raghunathan, Bindu Meleveethil, Anis Jassir Meleveethil. The effects of dexamethasone and potassium chloride as additives to local anaesthetic in supraclavicular brachial plexus block: a randomised controlled study. *J Evol Med Dent Sci.* 2016;5(53):3522-3526. doi:10.14260/jemds/2016/812.
10. Radha Korumbil Raghavan, Ushakumary Raghunathan, Bindu Meleveethil. Airway assessment for anticipation of difficult intubation: a double blind comparative study. *J Evol Med Dent Sci.* 2016;5(40):2466-2469. doi:10.14260/jemds/2016/575.
11. Radha Korumbil Raghavan, Binu Sajid, Sunilkumar Odayattil Madhavan. A comparative study to evaluate the effectiveness of P6 acupoint stimulation versus ondansetron for prevention of postoperative nausea and vomiting. *J Evid Based Med Healthc.* 2016;3(67):3644-3648. doi:10.18410/jebmh/2016/782.

DR. PAUL O RAPHAEL

1. Paul O Raphael, Minu Thomas, Derlin Thomas, John Varghese Thoppil, Deo Mathew. Correlation between pre-procedural ultrasound-estimated and actual procedural epidural depth in lumbar epidural anaesthesia taking BMI into consideration: an observational study. *J Clin Diagn Res.* 2025;19(5):UC01-UC04. doi:10.7860/JCDR/2025/76411.20936.
2. Paul O Raphael, Sakeer Hussain OC, Melvin Cyriac, Arjun P S. Effects of positive end-expiratory pressure on internal jugular vein cross-sectional area in anesthetized adults. *Int J Med Pharm Res.* 2025;6(4):601-607. doi:10.5281/zenodo.16879804.
3. Paul O Raphael, Farha, Neera Valsan, Moona Abdul Kadiru, Mazhar Zulfikar, Bijina Bharathan, Jubairiya, Naseema. Ratio of height to sternomental displacement as a predictor for difficult airway: a prospective observational study. *J Clin Diagn Res.* 2024;18(7):UC01-UC06. doi:10.7860/JCDR/2024/70532.19605.
4. Paul O Raphael, K Jubairiya, PK Farha, Neera Valsan, Moona, AJ Sukanya Prince Mary, P Anusree, SM Mohammed Nabeel. Efficacy of infrainguinal vs suprainguinal approach to fascia iliaca compartment block for postoperative analgesia in patients with proximal femoral fracture: a randomised clinical study. *J Clin Diagn Res.* 2024;18(11):UC13-UC17. doi:10.7860/JCDR/2024/74372.20292.
5. Paul O Raphael, Safiya Sherrin MK, Lini Chacko. Comparison of two ultrasound-guided techniques for radial arterial cannulation in adults: observational cross-sectional study. *Indian J Anaesth.* 2023;67:376-381. doi:10.4103/ija.ija_597_22.

6. Paul O Raphael, Palepu B Gopal, Habib Md Rezaul Karim, Ranjit Karthekeyan, Shilpa Tiwaskar, R Vaidyanathan. Recent advancements in critical care: Part I. Indian J Anaesth. 2023;67:102-109. doi:10.4103/ija.ija_1005_22.
7. Paul O Raphael. A comment on "Indian Resuscitation Council suggested guidelines for Comprehensive Cardiopulmonary Life Support for suspected or confirmed coronavirus disease patient". Indian J Anaesth. 2020;64:827. doi:10.4103/ija.IJA_828_20.
8. Paul O Raphael, Derlin Thomas, Lini Chacko. Dexmedetomidine nebulisation attenuates postoperative sore throat in patients undergoing thyroidectomy: a randomised, double-blind, comparative study with nebulised ketamine. Indian J Anaesth. 2020;64(10):863-868. doi:10.4103/ija.IJA_406_20
9. Paul O Raphael, Binu P Simon, C Thankappan, et al. Comparison between ultrasound-guided supraclavicular and infraclavicular approaches for subclavian venous catheterisation in adults. J Evid Based Med Healthc. 2016;3(36):1774-1778. doi:10.18410/jebmh/2016/397.
10. Paul O Raphael, Ershad Thasim, Binu P Simon, P Rajagopal. Comparative study on prediction of paediatric endotracheal tube size by ultrasonography and by age based formulas. Int J Res Med Sci. 2016;4:2528-2532. doi:10.18203/2320-6012.ijrms20161889.
11. Paul O Raphael, Binu P Simon, Revi N, Preethi Susan. Ultrasound guided ilioinguinal and iliohypogastric nerve block for inguinal hernia repair in arthrogryposis multiplex congenita. J Evid Based Med Healthc. 2015;2(23):3480-3484. doi:10.18410/jebmh/2015/502.
12. Paul O Raphael, Hari Kishore, Binu Puthur Simon, Thomas T Vellapally. A comparative study of intrathecal dexmedetomidine and fentanyl as adjuvants to bupivacaine for lower abdominal surgeries. J Evid Based Med Healthc. 2015;2(2):123-130.
13. Paul O Raphael, Chakramakal Joseph Andrews. Efficacy of KTP-532 laser assisted turbinoplasty and submucosal diathermy using monopolar cautery on symptomatic patients with hypertrophied inferior turbinates. Int Surg J. 2015;2(4):612-619. doi:10.18203/2349-2902.isj20151089.

DR. RAVI KUMAR

1. Ravi Kumar, Sandeep Shankar, Ragu K. Study of postoperative analgesia with intraperitoneal ropivacaine with dexmedetomidine in laparoscopic cholecystectomy. Cuest Fisioter. 2024;53(2):597-602. doi:10.48047/r4sm9r60.
2. Ravi Kumar, Ragu K, Sandeep Shankar. Comparative study of the effect of intraperitoneal instillation of ropivacaine 0.75% 10 ml, and ropivacaine with dexmedetomidine 1 mcg/kg for postoperative analgesia after laparoscopic cholecystectomy. Cuest Fisioter. 2024;53(3):4121-4128.
3. Ravi Kumar, PK Mohammed Shafi, Moona Abdul Kadiru, Neera Valsan, Biju Abraham, Jijo Sebastian Aloysius. Comparative study of magnesium sulphate versus dexmedetomidine as an adjuvant to epidural bupivacaine: a randomised controlled trial. J Clin Diagn Res. 2023;17(1):UC31-UC35. doi:10.7860/JCDR/2023/60381.17401.
4. Ravi Kumar, A.K. Anwar Hamzath, B.S. Shiva Kumar. Comparison between surgical and conservative treatment for distal radius fractures in patients over 40 years. Res J Med Sci. 2023;17(7):1003-1012. doi:10.59218/makrjms.2023.1003.1012.

5. Ravi Kumar, Sandeep Shankar, Shibu Sreedhar. Compare the analgesic efficacy of 0.25% bupivacaine and 0.25% ropivacaine in TAP block in caesarean patients along with pain measurement in first 24 hours. *J Cardiovasc Dis Res.* 2023;14(5):2039-2045.
6. Ravi Kumar, Sandeep Shankar, Shibu Sreedhar. Validate the predictive value of distance from skin to hyoid bone via USG as a predictor of difficult laryngoscopy. *Eur Chem Bull.* 2023;12(5):6162. doi:10.31838/ecb/2023.12.5.482.
7. Ravi Kumar, Sandeep Shankar, Shibu Sreedhar, Abdu Razak K. Clinical study of intrathecal buprenorphine for lower abdominal and lower limb surgeries. *MedPulse Int J Anesthesiol.* 2022;21(1):5-11. doi:10.26611/10152112.
8. Ravi Kumar, Shibu Sreedhar, Sandeep Shankar, Abdu Razak K. Attenuation of haemodynamic responses to endotracheal extubation-diltiazem versus lidocaine. *MedPulse Int J Anesthesiol.* 2022;21(2):34-41.
9. Ravi Kumar, Shibu Sreedhar, Sandeep Shankar, Abdu Razak K. A clinical study of comparison of intrathecal hyperbaric bupivacaine with nalbuphine and hyperbaric bupivacaine with pentazocine in lower abdominal surgeries. *MedPulse Int J Anesthesiol.* 2021;20(3):130-134. doi:10.26611/101520312.

DR. VASANTHA O T

1. Vasantha O T, Avinash M, Prameela V S, Shivanand K Madanagondi. Comparison between local infiltration analgesia (LIA) and epidural analgesia for postoperative pain management in total knee replacement surgery. *J Cardiovasc Dis Res.* 2024;15(3):1645-1655. doi:10.48047/jcdr.2024.15.03.193.
2. Vasantha O T, Revathy AM, Rudra Mol R. Comparison of ondansetron versus dexamethasone for preventing postoperative nausea and vomiting in patients undergoing laparoscopic cholecystectomy: an observational study. *Int J Health Sci Res.* 2024;14(1):291-297. doi:10.52403/ijhsr.20240137.
3. Vasantha O T. Preoperative oral carbohydrate loading: effects on intraoperative blood glucose level, postoperative nausea and vomiting, intraoperative gastric pH and intensive care unit stay in laparoscopic surgery under general anesthesia.

DR. FARHA P K

1. Farha P K, Neera Valsan, Moona Abdul Kadiru, Paul O Raphael, Mazhar Zulfikar. Ratio of height to sternomental displacement as a predictor for difficult airway: a prospective observational study. *J Clin Diagn Res.* 2024;18(7):UC01-UC06. doi:10.7860/JCDR/2024/70532.19605.
2. Farha P K, K Jubairiya, Neera Valsan, Moona Abdul Kadiru, Paul O Raphael, A J Sukanya Prince Mary, P Anusree, S M Muhammed Nabeel. Efficacy of infrainguinal vs suprainguinal approach to fascia iliaca compartment block for postoperative analgesia in patients with proximal femoral fracture: a randomised clinical study. *J Clin Diagn Res.* 2024;18(11):UC13-UC17. doi:10.7860/JCDR/2024/74372.20292.
3. Farha P K, Neera Valsan, Moona Abdul Kadiru, Sreejith M S. The effectiveness of intraperitoneal hydrocortisone on postoperative pain and other morbidities in laparoscopic cholecystectomy. *Int J Acad Med Pharm.* 2022;4(5):467-472. doi:10.47009/JAMP.2022.4.596.

DR. NEERA VALSAN

1. Neera Valsan, Farha, Moona Abdul Kadiru, Paul O Raphael, Mazhar Zulfikar, Bijina Bharathan, Jubairiya, Naseema. Ratio of height to sternomental displacement as a predictor for difficult airway: a prospective observational study. J Clin Diagn Res. 2024;18(7):UC01-UC06. doi:10.7860/JCDR/2024/70532.19605.
2. Neera Valsan, K Jubairiya, P K Farha, Moona Abdul Kadiru, Paul O Raphael, A J Sukanya Prince Mary, P Anusree, A M Mohammed Nabeel. Efficacy of infrainguinal vs suprainguinal approach to fascia iliaca compartment block for postoperative analgesia in patients with proximal femoral fracture: a randomised clinical study. J Clin Diagn Res. 2024;18(11):UC13-UC17. doi:10.7860/JCDR/2024/74372.20292.
3. Neera Valsan, P K Mohammed Shafi, Moona Abdul Kadiru, Biju Abraham, Ravi Kumar, Jijo Sebastian Aloysius. Comparative study of magnesium sulphate versus dexmedetomidine as an adjuvant to epidural bupivacaine: a randomised controlled trial. J Clin Diagn Res. 2023;17(1):UC31-UC35. doi:10.7860/JCDR/2023/60381.17401.
4. Neera Valsan, Moona Abdul Kadiru, Farha P K, Sreejith M S. The effectiveness of intraperitoneal hydrocortisone on postoperative pain and other morbidities in laparoscopic cholecystectomy. Int J Acad Med Pharm. 2022;4(5):467-472. doi:10.47009/JAMP.2022.4.596.

DR. RINU JONSAN

1. Rinu Jonsan, Santhi K S. Effect of varying time intervals between Funtage and Propofol administration on propofol requirement for induction of anaesthesia: an observational study. Asian J Pharm Clin Res. 2024;17(6):104-107.

DR. RAGHU K

1. Ragu K, Sandeep Shankar, Ravi Kumar. Comparative study of the effect of intraperitoneal instillation of ropivacaine 0.75% 10 mL, and ropivacaine with dexmedetomidine 1 mcg/kg for postoperative analgesia after laparoscopic cholecystectomy. Cuest Fisioter. 2024;53(3):4121-4128.

DR. MUHAMMED RAOOF V K

1. Muhammed Raoof V.K., Chethanananda T. N, Srudhi Estherin Koshy. A prospective, randomized study comparing ultrasound guided transversus abdominis plane block and ultrasound guided ilioinguinal, iliohypogastric nerve blocks in patients undergoing open inguinal hernia repair. Int J Sci Res. 2022;11(11):1210-1212. doi:10.21273/SR221118210100.
2. Muhammed Raoof V.K., Chethanananda T. N, Srudhi Estherin Koshy. Comparison of gabapentin and pregabalin in attenuating the stress response to laryngoscopy and intubation. Int J Sci Res. 2022;11(11):1205-1209. PAPER 10-SR231118211301.

DR. MAZHAR ZULFIKAR

1. Mazhar Zulfikar, Farha, Neera Valsan, Moona Abdul Kadiru, Paul O Raphael, Bijina Bharathan, Jubairiya, Naseema. Ratio of height to sternomental displacement as a predictor for difficult airway: a prospective observational study. J Clin Diagn Res. 2024;18(7):UC01-UC06. doi:10.7860/JCDR/2024/70532.19605.