**DR.SAURABH MITTAL**

**Senior Resident, Dept. of Organ Transplant Anesthesia and Critical Care, Mahatma Gandhi Medical College, Jaipur**

**M.D (Anesthesiology and Critical Care)**

**DNB (Anesthesiology)**

**D.M (Organ Transplant Anesthesia and Critical Care)**

**CCEPC (Certificate Course in Essentials of Palliative Care)**

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| Qualifications | Institution | Year (From-To) | Attempt/Tenure |
| MBBS | Dr.D.Y Patil Medical College, Pimpri, Pune | 2009 - 2014 | First |
| MD | Swami Rama Himalayan University | May 2018-June 2021 | First |
| DNB | National Board of Examination | December 2021 | First |
| D.M | Mahatma Gandhi Medical College and Hospital | June 2022 – till date |  |
| CCEPC | Indian Association of Palliative care | October 2022 | First |

**Clinical and Teaching Experience:**

1. **MD (Anesthesiology & Critical Care)** from **May 2018 to June 2021** at Swami Rama Himalayan University, Dehradun (Uttarakhand)
2. **Senior Resident (Anesthesiology & Critical Care)** from **July 2021 to June 2022** at Swami Rama Himalayan University, Dehradun (Uttarakhand)
3. **D.M (Organ Transplant Anesthesia and Critical Care)** from June 2022 to till date at MGMCH, Jaipur (Rajasthan).
4. **Assisting more than 500 Kidney transplants including Live related, Cadaveric, Paired, ABO incompatible, Pediatric and patients with multiple comorbidities, more than 100 Liver transplants, Dual lobe liver tansplant, Simultaneous liver and kidney transplant and one diceased donor Heart Transplant.**
5. **Well versed with advanced Hemodynamic monitoring and procedures, USG guided procedures, fiber-optic etc.**

**Research Work:**

**Published Papers**

**Original article**

1. **Mittal S**, Goyal VK, Shekhrajka P, Bhardwaj M, Nimje GR, Singh P, Danduri SK. Role of Intrathecal Morphine for Acute Postoperative Pain Management in Patients Undergoing Kidney Transplant: A Randomized Controlled Study. Exp Clin Transplant. 2023 Dec;21(12):939-945. doi: 10.6002/ect.2023.0063. PMID: 38263780.
2. Shekhrajka P, Goyal VK, Nimje GR, Saxena L, **Mittal S**, Baj BB. A clinical comparison of propofol and etomidate in patients with end‑stage renal disease undergoing renal transplantation. Indian J Transplant 2023; 17: 229-32
3. A RETROSPECTIVE COMPARISON OF ARTERIAL BLOOD GAS PARAMETERS IN PATIENTS UNDERGOING OFF PUMP CORONARY ARTERY BYPASS GRAFTING SURGERY USING FAST TRACK EXTUBATION PROTOCOL VERSUS CONVENTIONAL EXTUBATION PROTOCOL”. (2023). Journal of Pharmaceutical Negative Results, 241-248. <https://doi.org/10.47750/pnr.2023.14.03.33>
4. **Mittal, Saurabh1**; Mehrotra, Shreesh1,; Asthana, Veena1; Agarwal, Atul2. Ultrasound Guided Adductor Canal Block vs Intra Articular Analgesia for Post-operative Pain Relief after Arthroscopic Knee Surgeries: A Comparative Evaluation. Anesthesia: Essays and Researches 15(1):p 138-142, Jan–Mar 2021. | DOI: 10.4103/aer.aer\_86\_21
5. IMPACT OF AUDIO-VISUAL COUNSELLING TO ALLEVIATE FEAR FACTOR IN PARENTS OF CHILDREN UNDERGOING SURGERY International Journal of Scientific Research Volume - 9 | Issue - 6 | June - 2020 | PRINT ISSN No. 2277 -

**Case report**

1. Perioperative management of a severely thrombocytopenic kidney transplant recipient using thromboelastography. Medical Journal Armed Forces India 2023.
2. **Mittal S**, Goyal VK, Shekhrajka P, Nimje GR. Anesthesia Management in a Patient with Situs Inversus Totalis Posted for Kidney Transplantation: A Rare Case Report. Indian J Transplant 2023; 17:117-9.
3. Shobha V, Mittal S, Rawat K V, Anaesthetic management in Pierre Robin syndrome with bicuspid aortic valve: A case report. ***Indian J Clin Anaesth***2019;6(3):473-47
4. Bhardwaj M, Mittal S, Buttar HK, Khurana G (2024) Anaesthetic Management in Glucose- 6-Phosphate Dehydrogenase (G6PD) Deficiency Patient Posted for Total Knee Replacement: A Case Report. Int J Anesthetic Anesthesiol 11:173. doi.org/10.23937/2377-4630/1410173

**Review Articles:**

1. **Mittal S**, Bhardwaj M, Shekhrajka P, Goyal VK, Nimje GR, Kanoji S, Danduri SK, Vishnoi A. An overview of unresolved issues in the perioperative management of liver transplant patients. Korean Journal of Transplantation. 2023 Dec 12;37(4):221.
2. Goyal, Vipin Kumar\*; Mandal, Sony1; Nimje, Ganesh Ramaji; Shekhrajka, Praveenkumar2; Rana, Pankaj Singh; **Mittal, Saurabh**. Acute Pain Management after Kidney Transplantation: A Current Review of Literature. Indian Journal of Transplantation 17(4):p 402-409, Oct–Dec 2023. | DOI: 10.4103/ijot.ijot\_49\_23

**Letter to editor:**

12.Anaesthetic Consideration in an Infant with a Massive Congenital Ranula

**Conference, Workshop or CME attended:**

1. CME “Perioperative management in solid organ transplantation” and Workshop “Thromboelastography and Advanced hemodynamic monitoring” organized on 30 April, 2023, Mahatma Gandhi Medical College, Jaipur. (Accredited 2 credit hours from RMC)
2. 2nd Jaipur surgical Festival, 2-4 December 2022, Mahatma Gandhi Medical College and Hospital, Jaipur, Rajasthan, India.
3. Workshop on “advanced hemodynamic monitoring”, 18th December 2022, Mahatma Gandhi Medical College and Hospital, Jaipur, Rajasthan, India.
4. Workshop on “thromboelastography”, 16th October 2022, Mahatma Gandhi Medical College and Hospital, Jaipur, Rajasthan, India.
5. 4th National Conference on Critical Care and Infections in Liver Diseases on 3-5th March 2023 at ILBS New Delhi.
6. Workshop and CME on “NEURO-MONITORING”, 28th April 2024, Mahatma Gandhi Medical College and Hospital, Jaipur, Rajasthan, India.
7. Workshop and CME on “Advanced Hemodynamic Monitoring”, 10th March 2024, Mahatma Gandhi Medical College and Hospital, Jaipur, Rajasthan, India.
8. 5th National Conference on Critical Care and Infections in Liver Diseases on 12-14th April 2024 at ILBS New Delhi.

**International Conferences:**

1. 5th AILBS International Conference on LIVER TRANSPLANTATION: NAVIGATING THE COMPLEXITIES. Jan 6-7,2024, New Delhi, India.
2. 6th World Congress of International Living Donor Liver Transplantation Group. Nov. 17-19, 2023 at Jaipur, India
3. 18th World Congress of Anaesthesiologists from 3-7 March, 2024 at Singapore.
4. Asia Pacific Neurocritical Care Conference 2024, 28-30 June, 2024 at Kuching Sarawak, Malaysia.

**Paper/Poster presented**

1. Paper presented on Role of Intrathecal Morphine for Acute Postoperative Pain Management in Patients Undergoing Kidney Transplant: A Randomized Controlled Study at RAJWISACON 2023 Jaipur, Rajasthan.
2. Poster presented on Anesthesia Management in a Patient with Situs Inversus Totalis Posted for Kidney Transplantation: A Rare Case Report at RAJWISACON 2023 Jaipur, Rajasthan.
3. Paper presented on Ultrasound Guided Adductor Canal Block vs Intra Articular Analgesia for Post-operative Pain Relief after Arthroscopic Knee Surgeries at Maharashtra Yuva ISACON 2021.
4. Poster presented on Airway Challenges in PIERRE ROBIN SYNDROME at 8th  Annual Conference of ISACON UK from 12-14 Oct. 2018 at AIIMS Rishikesh..

**Thesis:**

Ultrasound Guided Adductor Canal Block vs Intra Articular Analgesia for Post-operative Pain Relief after Arthroscopic Knee Surgeries: A Comparative Evaluation.

**Life Membership of Scientific Committee**

1. Indian Society of Anesthesiologist (ISA)
2. Indian Society of Organ Transplantation (ISOT)
3. Liver Transplant Society of India (LTSI)
4. Member of National Academy of Medical Science ( MNAMS)

**Experience:**

1. First simultaneous 6 way paired exchange kidney transplant in one day in India on 8th May 2023.
2. First simultaneous Liver +Kidney transplant in Rajasthan, 24 June 2022
3. Deceased donor Heart Transplant
4. Dual lobe Liver Transplant

**Area of interest:**

1. Perioperative care of transplant patients (Kidney, Liver and Pancreas)
2. Advance hemodynamic monitoring
3. Perioperative fluid management
4. Regional Anesthesia
5. Complex Hepato-Pancreatico-Biliary Surgeries
6. Critical Care specially Liver Transplant ICU

**Additional trainings**

1. BLS and ACLS course: August 2023
2. Basic course in biomedical research (April 2022)