

# IJCA

## Indian Journal of Clinical Anaesthesia

Volume - 10, Issue - 2, Year - 2023 ([www.ijca.in](http://www.ijca.in))

Indian Journal of Clinical Anaesthesia (IJCA) open access, peer-reviewed quarterly journal publishing since 2014 and is published under auspices of the Innovative Education and Scientific Research Foundation (IESRF), aim to uplift researchers, scholars, academicians, and professionals in all academic and scientific disciplines. IESRF is dedicated to the transfer of technology and research by publishing scientific journals, research content, providing professional's membership, and conducting conferences, seminars, and award programs.

With the more...

### Call for paper

We cordially invite faculty, researchers, and scholars to submission of your valuable contribution to our Upcoming issues. It is a double-blind, peer-review, and Open Access (OA) journal and accepts manuscripts as research papers, review articles, case reports, short communication, etc.

### Manuscript Submission Guidelines

To submit your manuscript, first-time users click the Register button from the submission portal. If you are already a registered user, log in as an author and post your manuscript for further peer-review process. Manuscripts submitted for consideration and inclusion in upcoming issues must follow <https://www.ijca.in/info/author> and be submitted by **2024-12-10**.

Submit Manuscript

### Advertisement

The advertisement is a screenshot of a website for 'Manuscript Peer-Review Process'. The header is dark red with the logo on the left and contact information on the right. A navigation bar contains links for 'About MPRP', 'Journals', 'Support and Training', 'Contact Us', 'Track article status', 'Register', and 'Login'. The main content area has a light blue background and features a title 'Manuscript Peer-Review Process' followed by a detailed paragraph describing the service. To the right of the text is a circular illustration showing a person at a desk with a laptop, surrounded by icons representing various stages of the review process. Below the main text is a section titled 'Why MPRP?' with a partial sentence starting 'If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your...'. The IJCA logo is visible in the bottom right corner of the screenshot.

**Manuscript Peer-Review Process**

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of IP Innovative Publication Pvt. Ltd, which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

**Why MPRP?**

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

## CONTENTS

### Editorial:

---

**The potential of artificial intelligence in anaesthesia 120-121**

*Lalit Gupta\**

**Non-technical skills in the operating room: Crisis resource management principles 122-124**

*Sakshi Gandotra\**

### Original Article:

---

**Effect of oral pregabalin on post operative analgesia in patients undergoing lumbar spine fusion surgeries under general anesthesia 125-129**

*Geetha Lakshminarasimhaiah\*, Balakrishna K Shenoy, Lakshmi P Subbareddy, Ridhi Rao, Sameeksha Anaberu Jagdeesh, Rahul Ramesh Pola, Gowshik Ravichandran, Ayesha Sabha Khavas*

**Comparison of efficacy of low-dose norepinephrine infusion with low-dose boluses of norepinephrine in managing hypotension among parturients undergoing caesarean section under the subarachnoid block 130-136**

*S Shrieaswari\*, M P Sujatha*

**Factors considered by junior residents in selecting anesthesia as a career choice and stress levels amongst the anesthesia postgraduate students: A questionnaire-based study 137-142**

*Sundeep Kalimisetty, Kiran Nelamangala\*, Ravi Madhusudhana*

**A prospective randomized comparative analysis between opioid based anaesthesia vs opioid free anaesthesia on depth of anaesthesia and intraoperative hemodynamics in patients undergoing elective laparoscopic surgeries lasting less than 3 hours 143-149**

*Maria Jecinta Rina Regis\*, Elayaraja Subramanian Mariappan*

**Comparative evaluation of propofol, thiopentone and etomidate on induction time, intubation response and recovery time during laparoscopic surgery under general Anaesthesia 150-157**

*Sooshrut Thakur, Aarti Sharma, Ramesh Kumar\*, Jyoti Pathania, Garima Thakur*

**A comparative study of intravenous dexmedetomidine and clonidine as pre-emptive analgesia to intrathecal bupivacaine in subarachnoid block - A randomized double blind study 158-162**

*Vidya Shree C, Ravi Madhusudhana\**

**Comparison of dexmedetomidine and clonidine as an adjuvant to levobupivacaine in transversus abdominis plane (TAP) block for postoperative analgesia following inguinal hernia repair 163-167**

*Indresh Yadav\*, Rashmi Thakur, Anisha Nagaria, Pratibha Jain Shah*

**A prospective randomized trial of evaluation of post-operative analgesia of erector spinae plane block in patients undergoing laparotomy 168-174**

*Soma C Cham, Madhavi A Raikwar\*, Rashmi S Atkari, Akshay P Marathe, Shweta S Nayar, Medha A Sangawar, Chandrashekhhar Cham*

**Thyomental distance is a good difficult airway indicator: Truth or a misconception- A prospective**

### **observational study 175-181**

*Namratha B\*, Apoorva Gupta, Vandana Vasudev, Resham Gupta, Saraswathi P Devi*

### **A retrospective evaluation of characterization, clinical course and anaesthesia management of emergency trauma surgical patients during first wave of COVID-19 pandemic at a tertiary care center in India 182-189**

*Parin Lalwani\*, Babita Gupta, Titiksha Goyal, Subodh Kumar*

### **Case Series:**

---

#### **Fractionated dose of hyperbaric bupivacaine for hemodynamic stability and prolonged duration of anaesthesia in high-risk geriatric patients undergoing unilateral hip surgeries under subarachnoid block- A case series 190-192**

*Arun Aravind\*, Rasmi Kodipurayil, Melvin Cyriac*

#### **Successful neuraxial blockade under lumbar X-ray guidance in patients with ankylosing spondylitis: A series of 3 cases 193-196**

*Kashinath Bangar, Nivedita Page\*, Sumedha Mehta, Gayatri Bangar, Varsha Kurhade*

### **Case Report:**

---

#### **Receptive music therapy as an intraoperative aid for neuro-monitoring during growth rod surgery in a 5-year-old girl with severe congenital scoliosis: A case report 197-200**

*Farah Husain\*, Sonia Wadhawan, Tarun Suri, Shruti Kumari, Ashika Joney*

#### **Rare incidental presentation of urinary bladder paraganglioma and the anaesthetic challenges faced: A case report 201-203**

*Gopal Krishan Jalwal, Jyoti Kanwat, Brijesh Garg, Bhanupreet Kaur*

#### **Iatrogenic injury of aortic valve leaflet during mitral valve replacement: A transesophageal echocardiographic finding 204-207**

*Shailendra Singh\**

### **Short Communication:**

---

#### **Rule of '2' for lower extremity blocks 208-209**

*Tuhin Mistry\*, Rinku Prajapati, Chetana Vitthal Bhalerao, Kartik Bapurao Sonawane*

### **Letter to editor:**

---

#### **Misplacement of the tip of central venous catheter after cardiac surgery 210-211**

*Dheeraj Arora\*, Sravan Sreekumar*

#### **A proud soldier - COVID-19 frontline warrior 212-213**

*Ruchi Goyal\*, Lalit Gupta*

#### **Anaesthetic management of an infant with spinal muscular atrophy [Type 1] for fundoplication and feeding gastrostomy 214-215**

*Renuka Sudhakaran\*, Padmaja R Unnithan, Roshan Snehith*

#### **Acute transient hiccups after supraclavicular brachial plexus block: Is it a matter of concern? 216-217**

*Ajitesh Sahu\*, Upendra Hansda, Subhasree Das, Seshendra Akella, Supriya Kar*

#### **Guillain - Barre syndrome with no known etiology: Rule out scrub typhus 218-219**

*Deepak Kumar Daunaria, Deepak Singla\*, Tiagem Jamir*

# Advertisement

**Manuscript**  
Peer-Review Process

Email: support@innovativepublications.com  
editorialoffice@innovativepublications.com  
Support: +91-11-6394914, 61394105 | 9950439446 | 88

About MPRP Journals Support and Training Contact us Track article status Register Login

## Manuscript Peer-Review Process

Manuscript Peer-Review Process is a web-based portal that can be accessed 24\*7 under good internet connection. It is a set of editorial services that allows a user to run a journal efficiently. It includes journal pre-publication services, editorial workflow & post publication services. We provide a high level of flexibility, so you can select the services you need and integrate your existing workflow. It allows smooth flow of all publication functions of an editorial office on a single independent platform, no software installation is required, only requires Username, Password to login in different panels.

MPRP manages all the authors, reviewers, editors' details and its integration with the social and professional network. It is inhouse product of **Innovative Publication Pvt. Ltd.** which is managed and operated by Innovative Publication and currently running with around 50+ Journals.

### Why MPRP?

If your research is ready to share with world, our submission portal will help you with a user-friendly platform to submit your

