

January-April 2013 Volume 6 Number 1 ISSN 0974-5092

**Editors-in-Chief**

RK Mishra (India)

Jiri PJ Fronek (UK)

**World Journal of**  
*Laparoscopic  
Surgery*



*An Official Publication of World Association of  
Laparoscopic Surgeons, UK*



[www.jaypeebrothers.com](http://www.jaypeebrothers.com)  
[www.jaypeejournals.com](http://www.jaypeejournals.com)

# World Journal of Laparoscopic Surgery

## 1. Aims and Scope

*World Journal of Laparoscopic Surgery* is a multidisciplinary peer-reviewed medical journal publishing articles in the fields of minimal access surgery. This journal would be published on triannual basis (January, May and September) by the World Association of Laparoscopic Surgeons. World Journal of Laparoscopic Surgery encourages submissions from the authors throughout the world.

All articles published in *World Journal of Laparoscopic Surgery* would be critically reviewed by the editor and members of the editorial exam or advisory board of the journal within 2 months. However, longer delays are sometimes unavoidable. Full details may be found in the section of 'Instructions to Authors' at the end of *World Journal of Laparoscopic Surgery*. All submitted manuscripts must comply with these instructions.

*World Journal of Laparoscopic Surgery* provides an in-depth, international forum for the most authoritative information on major clinical problems in the fields of clinical and experimental minimal access surgery. The global scenario of Laparoscopic education and research has been emphasized in prospect of recent advances in Minimal Access Surgery. The aim of this journal is to encourage the international surgeons, gynecologists, urologists and pediatric surgeon to give their valuable contributions from recognized authorities on every topic of current importance in Minimal Access Surgery. *World Journal of Laparoscopic Surgery* rapidly publishes original articles that offer significant contributions in the fields of clinical minimal access surgery, experimental laparoscopic surgery and related sciences of endoscopy.

The *World Journal of Laparoscopic Surgery* accepts nine types of articles which include the following:

- (1) Research Articles, (2) Letters to the Editor, (3) Notes, (4) Comments, (5) Review Articles, (6) Lecture Notes, (7) Monographs, (8) Innovations, (9) Selected conference articles.

## 2. Ethical Considerations

Investigation and surgery on human subjects should conform to the guidelines noted in the World Health Organization Chronicle 1976; 30: 360-362.

Manuscripts submitted for publication must comply with the following ethical considerations:

### **Informed Consent**

Informed consent of the patients must be taken before they are considered for participation in the study. Patient identifying information, such as names, initials, hospital numbers or photographs should not be included in the written descriptions. Patient consent should be obtained in written and archived with the authors.

### **Protection of Human Subjects and Animals in Research**

When conducting experiments on human subjects, appropriate approval must have been obtained by the relevant ethics committees. All the procedures must be performed in accordance with the ethical standards of the responsible ethics committee both (institutional and national) on human experimentation and the Helsinki Declaration of 1964 (as revised in 2008). When reporting experiments on animals, authors must follow the institutional and national guidelines for the care and use of laboratory animals.

## 3. Copyright

Following guidelines must be followed before submission of the manuscript:

The articles must represent original research material, should not have been published before, and should not be under consideration of publication elsewhere. This, however, does not include previous publications in form of an abstract or as part of published literature (review or thesis). It is the duty of the author to obtain the necessary permissions for extensive quotations, tables, illustrations or any other copyrighted material they are using in the paper before a paper can be considered for publication. Copyright of the article gets transferred to Jaypee Brothers, once the article has been accepted for publication. The author would be asked to sign the "Copyright Transfer Form" before his/her article is considered for publication. Once the Copyright Transfer statement has been signed by the corresponding author, no change in authorship or in the order of the authors listed on the article would be accepted by Jaypee Brothers. Also by signing the above mentioned form, the author reassigns the rights of copublishing, or translation if considered necessary in future to the publisher. In the advent of occurrence of any dispute, the matter would be resolved within the jurisdiction of New Delhi court.

While all care has been taken to provide accurate and correct information in accordance with the date of publication, neither the authors, editors nor the publisher takes any legal responsibility for any unintentional omission or error. The publisher makes no expressed or implied warranty with respect to the information contained herein. The published material cannot be photocopied for the following purposes: General distribution, promotion, new works or resale. If this is required, specific written permission requires to be obtained from the publisher. Exclusive rights to reproduce and distribute the articles in this journal have been

protected by copyright. This also covers the rights to reproduce or distribute the article as well as the translation rights. No material published in this journal can be reproduced in digital format or stored in form of electronic databases, video disks, etc.

Both the conflict of interests and financial disclosure needs to be handled well while conducting the research study. Disclosure of such relationships is also important in connection with all articles submitted for publication. Both of these have also been included in the copyright transfer form. Authors should give due acknowledgments to the individuals who provide writing or other assistance while conducting the research study and also disclose the funding source for the research study.

## 4. Subscription Information

ISSN 0974-5092

eISSN 0975-1955

### • Subscription rates

For information on subscription rates and the other journal related enquiries please contact:  
[journals@jaypeebrothers.com](mailto:journals@jaypeebrothers.com)

### • Orders

Journals Department  
Jaypee Brothers Medical Publishers (P) Ltd.  
4838/24, Ansari Road, Daryaganj  
New Delhi 110 002, India  
Phone: +91-11-4357 4357  
Fax: +91-11-4357 4314  
e-mail: [subscriptions@jaypeejournals.com](mailto:subscriptions@jaypeejournals.com)

**Back volumes.** Prices are available on request.

## 5. Electronic Media

An electronic edition of this journal is available at [www.jaypeejournals.com](http://www.jaypeejournals.com)  
Manuscripts can be submitted online at [www.wjols.com](http://www.wjols.com)

## 6. Advertisement

For advertisement queries please contact:  
Journals Department  
Jaypee Brothers Medical Publishers  
e-mail: [advertisements@jaypeejournals.com](mailto:advertisements@jaypeejournals.com)

For any queries regarding online submission, please e-mail us at: [help-desk@jaypeejournals.com](mailto:help-desk@jaypeejournals.com)

For editorial queries, please contact:  
[chetna.malhotra@jaypeebrothers.com](mailto:chetna.malhotra@jaypeebrothers.com)

The Journal is printed on acid free paper.

Copyright

© Jaypee Brothers Medical Publishers (P) Ltd.  
[www.jaypeebrothers.com](http://www.jaypeebrothers.com)  
[www.jaypeejournals.com](http://www.jaypeejournals.com)

Editors-in-Chief

**RK Mishra** India  
**Jiri PJ Fronek** UK

**Publishing Center**

Publisher  
**Jitendar P Vij**  
Senior Manager  
**Chetna Vohra**  
Managing Editor  
**Ekta Aggarwal**  
Editorial Associate  
**Pankaj K Singh**  
Creative Designer  
**Radhe Shyam Singh**

**Editorial Office**

Journals Department  
Jaypee Brothers Medical Publishers (P) Ltd.  
4838/24, Ansari Road, Daryaganj  
New Delhi-110 002, India  
Phone: +91-11-43574357  
Fax: +91-11-43574314  
e-mail: journals@jaypeebrothers.com

**Production Office**

Jaypee Brothers Medical Publishers (P) Ltd.  
4838/24, Ansari Road, Daryaganj  
New Delhi-110 002, India  
Phone: +91-11-43574357  
Fax: +91-11-43574314  
e-mail: journals@jaypeebrothers.com

**Advertisements**

Rakesh Sheoran  
Phone: +91-9971020680  
e-mail: advertisements@jaypeejournals.com  
rakesh.sheoran@jaypeebrothers.com

**Subscriptions/Reprints**

Abhinav Kumar  
Phone: +91-9810279794  
e-mail: subscriptions@jaypeejournals.com  
abhinav.kumar@jaypeebrothers.com

**Website Manager**

Rohit Gorawara  
Phone: +91-9871855331  
e-mail: contact@jaypeejournals.com  
rohit.gorawara@jaypeebrothers.com

**EDITORIAL BOARD**

**International**

**Ray Green** USA

**Govardhana Rao Yannam** USA

**A Khalaj** Iran

**B Hooshmand** Iran

**F Gökhan Göynümer** Turkey

**Ashish Kumar Chawdhary** Bangladesh

**Ghulam Hazrat** Afghanistan

**Awad Aljuaid** Saudi Arabia

**Nita Zaji** UAE

**Rehana Ishaque** UAE

**Hashmi Hajrasi** Libya

**Maher Saleh Al Abbadi** Saudi Arabia

**Ali Aminian** Iran

**Mark Erian** Australia

**National**

**Rakesh Sinha** Mumbai

**Nutan Jain** Uttar Pradesh

**Premkumar Balachandran** Chennai

**TS Balashanmugam** Coimbatore

**JS Chowhan** New Delhi

**Rajkumar Palaniappan** Goa

**Sajal Kumar** New Delhi

**Rekha Thakur** New Delhi

**RC Jain** Lucknow

**Vinita Singh** Patna

**Seema Sharma** New Delhi

**Rajeev Kumar** Mumbai

# Online Resources

**Video 1: Robotic Cholecystectomy**

**Video 2: Adenexectomy for Huge Ovarian Cyst**

**Video 3: Laparoscopic Cholecystectomy**

**Video 4: Laparoscopic Repair of Paraumbilical Hernia**

---

***Above-mentioned videos are available online at [www.wjols.com](http://www.wjols.com)***

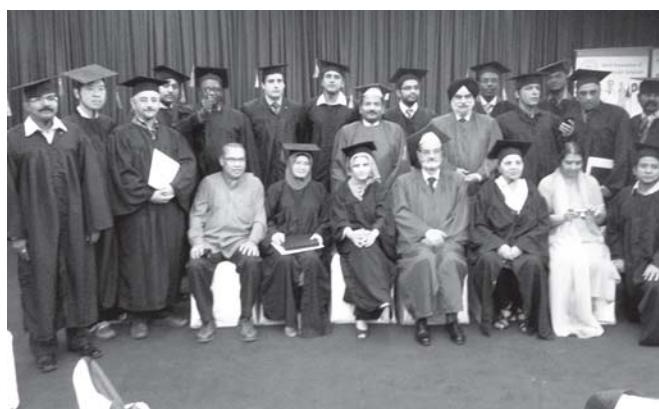
## News and Events



Central Cabinet Minister, Government of India, Mr Harish Rawat and Dr RK Mishra during Free Laparoscopic Camps organized by World Association of Laparoscopic Surgeons in Roorkee



Central Cabinet Minister, Government of India, Mr Harish Rawat honoring Dr Mishra for conducting Free Laparoscopic Surgery Camp



Diploma in Minimal Access Surgery Convocation organized by World Association of Laparoscopic Surgeons

# List of Distinguished Life Members of World Association of Laparoscopic Surgeons

A Mohamad Sayed Ahmad Alfaki (Qatar)  
A Yasemin Karageyim Karsidag (Turkey)  
Abayneh Admassu Abayneh (Ethiopia)  
Abdel Kato Sebbaale (Uganda)  
Abdel Rahman Hassan Abu Sabei (Qatar)  
Abdelhay Mohamed Ahmed Ali (Ireland)  
Abdelmonim Bashir Yagoub Ali (Sudan)  
Abdolmajid Ghaedizadeh (Iran)  
Abdolreza Pazouki (Iran)  
Abdul Haque Ansari (KSA)  
Abdul Kareem Jabbar Ghaduhan (Iraq)  
Abdul Kato Sebbaale (Uganda)  
Abdul Sattar Paigham (Afghanistan)  
Abdullab Abdulwahid Salman (Iraq)  
Abdullab Sh.AM (Kuwait)  
Abel Alejandro Garibaldis (USA)  
Abhijit Biswas (India)  
Abhishek Kakkar (India)  
Abi Sukrisno (Indonesia)  
Abiye Hailu Gebre-Ab (Ethiopia)  
AboulMahsen (Saudi Arabia)  
Adeyeni Oladeji Laosebikan (Canada)  
Aditomo Widarso (Indonesia)  
Adnan Fatih Esen (Turkey)  
Ah See Ng (Malaysia)  
Ahmad Aurngzb (Pakistan)  
Ahmad Chammat (Saudi Arabia)  
Ahmad Nabil M Khafagy (Uganda)  
Ahmed Abdul-Khalik Zahab (KSA)  
Ahmed Alwan Kareem (Iraq)  
Ahmed Eltigani E Hussain (Ireland)  
Ahmed Fakhri Omer (Iraq)  
Ahmet Batki (Turkey)  
Ahmet Hamdy Dabash (KSA)  
Ahmet Hulusi Teksen (Turkey)  
Ahujakumar (India)  
Ajay Padmakar Chodhary (India)  
Alaa AK Mohammed (UAE)  
Alaa Mohsin Mohammad (Iraq)  
Alemseged Janka Dube (Ethiopia)  
Alexandre MS Roque Ambrosio (Portugal)  
Ali Mohammed Mahmud (UAE)  
Ali Raza Brohi (Pakistan)  
Ali Riza Sozenoglu (Turkey)  
Alice M Salvador (Philippines)  
Alireza Khalaj (Iran)  
Allah AK Mohammed (UAE)  
Alparslan Baksu (Turkey)  
AM Abdulrahman Al-Zakari (UAE)  
Amaechi Francis Neozi (Nigeria)  
Amani Ahmed Mohamed Ali (UAE)  
Amardeep Singh Bansal (India)  
Aminur Rahman (India)  
Amir Abbas Manouchehri (Iran)  
Amir Vejdan (Iran)  
Amit Hindurao Sardesai (India)

Amru Sofian (Indonesia)  
Anas Younis Yakoob (India)  
Andhra Narasimha Reddy (India)  
Anisha Kellogg (India)  
Anita Roy (India)  
Anjali Kumar (India)  
Anjila Yakalage Barreira Amaral (Portugal)  
Anolue Fredrick (Indonesia)  
Antonio Morries (Ghana)  
Antonio Valdes Morris (Ghana)  
Anurag Ramkrishna Nema (India)  
Aosama Rasheed Abdullah (Iraq)  
Araz Asi Mahmud (Iraq)  
Archana Dhaewan Bajaj (India)  
Archana Jain (India)  
Arie Adrianus Polim (Indonesia)  
AS Abdul Razak Al-Sweidan (KSA)  
AS Bansal (India)  
Asha Sharma (India)  
Ashees Lal Pravin (India)  
Ashish Mody (India)  
Ashon Sa'Adi (Indonesia)  
Ashwini Gaur (UK)  
Aswini Kumar Mishra (India)  
Athar Ali (Tanzania)  
Atul Sardana (India)  
Avalapati Hari Prasad (India)  
Aydin Kilinc (Turkey)  
Aydin Kosus (Turkey)  
Az Javed Ahmad (Pakistan)  
Azhar Musa Al-Toraihi (Iraq)  
Bansal Ramdas (India)  
Basheer Anwer Bakar (Iraq)  
Basima Shamkhi Jabar (Iraq)  
Bassam Adil Ghazalah (UAE)  
Bejoy Philip (India)  
Belgin Fusun Selam (Turkey)  
Benudhar Ray Ramsayer (India)  
Bhamini Naresh Bhatia (India)  
Bharti Jain (India)  
Bharti Singh (India)  
Bhaskar Joyti Paul (India)  
Bhoopinder Jit Kaur (India)  
Bhupesh Dayal (India)  
Bhushan Kumar (India)  
Bichhanda Krishna Mohanty (Botswana)  
Bilal Mohid Baker (Jordan)  
Billur Demiro Gullari (Turkey)  
Birendra Kumar (India)  
Brijesh Kumar Sharma (India)  
Bulent Arici (Turkey)  
Bulent Kars (Turkey)  
Bulent Tekin (Turkey)  
C Anthony Okonkwo (Nigeria)  
Calderon Maria (Philippines)  
Carlo Cajes Gurrea (Philippines)

Chandra Prakash Jain (India)  
Chee Fah Chia (Taiwan)  
Chetna Gulabani (India)  
Chittappu Pardha Saradhi Rao (India)  
Chittappu PSR Rauf (Republic of Maldives)  
Christopher Ekwunife (Nigeria)  
Cromwell HM Mwakirungu (Kenya)  
Daljit Kaur Uppal (India)  
Danish Javed (India)  
David Kiragu (Kenya)  
Deb Narayan Samanta (India)  
Deepa Malhotra (India)  
Deepa Srivivasan (India)  
Deepak Chawla (India)  
Deepak Kumar Gupta (India)  
Deepak PJ Chan (China)  
Deepak Singhal (India)  
Deepakendu Mitra (India)  
Demet Dikmen (Turkey)  
Deniz Erturk Coskun (Turkey)  
Derek PS Chan (Hong Kong)  
Dhan Vikram Karkee (Nepal)  
Dhananjay Kumar (India)  
Dharam Paul (India)  
Dharmendra Prabhat Sing Parmar (India)  
Dheeraj Mulchandani (India)  
Dutta Siva Sankar (India)  
Duygu Isil Gencer (Turkey)  
Duzgun Korkmaz (Turkey)  
E Aleksandrovna Serfeenkova (Russia)  
Eatot Nyarumentene A Winarno (Indonesia)  
Ebenezer Samuel Nkom (Nigeria)  
Ebru Ozturk (Turkey)  
Ebwel John RS (Indonesia)  
Ekaterina Vasileva Kaloyanova (UAE)  
Elif Meseci (Turkey)  
Eman Mohammed kasim (Saudi Arabia)  
Emel Turkoglu (Turkey)  
Emre Erdogan (Turkey)  
Eser Evrim Eren (Turkey)  
Esra Esim Bugukhayrak (Turkey)  
F Ahmed Aly El-Fakharany (Saudi Arabia)  
F Elrahman Elhag Edris Mohammed (UAE)  
Fadhi Yaba Muhamed (Iraq)  
Faiz Naqboot Fazili (India)  
Farah Naaz (India)  
Fatih Adanacloglu (Turkey)  
Fatih Dogru (Turkey)  
Fatima Zohra Ashraf (Turkey)  
Fatma Nur Cetinkaya (Turkey)  
Fawzia AM Jadallah (Dubai)  
Firoz Khan MH Mohammed Haneefa (India)  
Fransiska Mochtar (Indonesia)  
Fuat Eserol (Turkey)  
Gamal Samay Mahfouz (KSA)  
Gamze Erdem (Turkey)

Gani Oladosu Salaudeen (Nigeria)	Jimmy Yanuar Annas (Indonesia)	Manawor Ahsan (India)
Gazala Khan (Pakistan)	Jitendra Kumar Mangtani (India)	Manoj Sukanraj Jain (India)
Gazi Yildirim (Turkey)	Jo-Ann B Badua (Philippines)	Mansour Amin Mohammd Al (Saudi Arabia)
Gazi Yildiz (Turkey)	Joseph Eigbefoh (Nigeria)	Manvita Mahajan (India)
Gede Widi Mariada (Indonesia)	Joseph S Shental (Israel)	Maria Louroes Baricaua Escobar (Philippines)
Geetha Puliyath (India)	Jude Okohue (Nigeria)	Maria Nellbevezz C Candelario (Philippines)
George Fanuel Jumba (Kenya)	Juvvadi Srilatha (India)	Marie Victoria Gantiago (Philippines)
Ghada Siddig Abdin Mohammed (Sudan)	Jyoti Gupta (India)	Marlieg Meshki (Iran)
Gheni Hashim Mohemmod (Iraq)	Jyotsna Rao (India)	Mary Anne Que Villarin (Philippines)
Girish Panday (India)	Kabiri Homa (Afghanistan)	Mebratu Gember Tegesen (Ethiopia)
Gjayakrishnan (India)	Kadan Kocatepe (Turkey)	Meet Verm (India)
Gokce Anik (Turkey)	Kadir Guzin (Turkey)	Mehmet Baki Senturk (Turkey)
Gokge Zeynep Uslu (Turkey)	Kagan Kocatepe (Turkey)	Mehmet Guler (Turkey)
Gokhan Sabah (Turkey)	Kailash Chandra Garg (India)	Mehmet Kaplan (Turkey)
Gokmen Iyigun (Turkey)	Kajla Bansal (India)	Melek Buyukkinaci (Turkey)
Gonca Yetkin Yildirim (Turkey)	Kalingal Suja (India)	Melike Batukan (Istanbul)
Gorantla Lakshmi Narayana (India)	Kalpana Jindal (India)	Mete Isikoglu (Turkey)
Gulsen Barcinli (Turkey)	Kalpana Kataria (India)	Michael Emeifiele Aziken (Nigeria)
Gulten Gurgan (Turkey)	Kamal Abdel Gadir Mohamed (KSA)	Minakshi Mishra (India)
Gunjan Sabherwan (India)	Kandung Bowoleksone (Indonesia)	Mohadmmad Nadeem Aslam (Pakistan)
Gupta Sib Sankar Mohapatra (India)	Kazim Qiamuzzama (India)	Mohadmmad Rahim Bhurgri (Pakistan)
Hachem Juma Yasin (Iraq)	Kesavakrishna Brundavanam (India)	Mohamad Sabri B Hassan (Malaysia)
Hadi Touzandehjani (Iran)	Khalaj Aligeza (Iran)	Mohamed Abdul Adim Elgabroum (Libya)
Haider Abid Aun Ali Al Zubaidy (Iraq)	Khalaz ARMD (Iran)	Mohamed Ali Hegazy (Saudi Arabia)
Haider Hasan (Iraq)	Khaled Ahmad Kayed (UAE)	Mohamed Yehia Khalil (Qatar)
Hamid Abohari Sharifian (UAE)	Khalifa Ali Al Jabri (Oman)	Mohammad Nadeem Aslam (Pakistan)
Hamid Reza Tajari (Iran)	Khalil Yahia Mohamad (UAE)	Mohammad Zarin (Pakistan)
Hana Shaheed Kadim (UK)	Kiran Noshar Mevawalla (India)	Mohammmd Abdul (Saudi Arabia)
Hani Amin Ismail (USA)	Kirana Bala Dash (India)	Mohammmd Ahmed Abdulla Eltom (Sudan)
Hanom Husni Syam (Indonesia)	Kishore Kumar Satpathy (India)	Mohammmed Hasan Jaafar (Iraq)
Hari Prasad Reddy Muppala (India)	Koka Sreedevi (India)	Mohammed Hussain (Iraq)
Harish Bassi (India)	Koray Ozbay (Turkey)	Mohd Niyaz (India)
Hasan Majed Al-Dossary (KSA)	Krishna Mohan (USA)	Mohd Shafi Niaku (India)
Hassan Hadi Yousif (Iraq)	Kulwant Rai (India)	Mohd. Omar Almoghanam (Saudi Arabia)
Hassan Housaen Alhakeem (Syria)	Kunigal A Shivakumar (UK)	Mohd. Shakir Huwaish Alkoubaisy (UAE)
Helmy Abdul Khalek Aboul Zahab (KSA)	Kushum Sharma (India)	Mohini Raghvendra Goswami (India)
Hemant Rakesh (India)	Lale Wetherilt (Turkey)	Mohmoud M Abdulrazek (Egypt)
Henny Meitri (Indonesia)	Lameck Zimba (Zambia)	Mohsen Aminpour (Iran)
Himmat Singh Rathore (India)	Lateefa Abdulla Al Naeemi (UAE)	Mohsin Hayder Kassar (Yemen)
Hisham Ali Maghraby (UAE)	Latifa R Al Buainain (Bahrain)	Mokhtar Ali Mohamed Hassan (UAE)
Hussain Khalifa Kadhem (Iraq)	Latitha Kamini (India)	Monika (India)
Hussein Omar El-Bernawi (Libya)	Laurent Marcel Hochart (Canada)	Mrinal Param Kinkar (India)
Ibrahim Halil (Turkey)	Lawa Hussein Abdulla (Iraq)	Muftah Abdulla Suwan (Libya)
Ibrahim M Hassen (Ethiopia)	Leo Francis Nuval Aquilizan (Philippines)	Muhammad Abdullah Hussein (Iraq)
Ibrahim Onur Ozen (Turkey)	Leonie-Martha Okaraga (Nigeria)	Muna Ahmed Al-Shehhi (UAE)
Ichnandy Arief Rachman (Indonesia)	Lilly Kutty Benny (India)	Munevver Hosgor (Turkey)
Iman Kamal Mallak (UAE)	Liqa Reyadh Al-Khuzaee (Iraq)	Munir Ahmad Rathore (United Kingdom)
Imtiaz Ahmed (India)	Lovina SM Machado (Oman)	Munirathnasri Nagappa (India)
Indira Das (India)	Luset Ince Koparan (Turkey)	Munther Moh. Adnan halabi (Syria)
Inu Mulyantoro (Indonesia)	Ma Ana Capuccao Pangao (Philippines)	Murat Mehmet (Turkey)
Irfan Karaca (Turkey)	Madhu Sinha (India)	Muraveva Natalia (Russia)
Isa Aykut Ozdemir (Turkey)	Madhulika Sinha (India)	Mustafa Mohd. Ramdam Bulugma (Libya)
Isil Turan (Turkey)	Madhuri Prakash (India)	Mutasim suleiman Daffalla (Ireland)
Isin Fatma (Turkey)	Magdi Ahmed Lolah (Egypt)	Muthukumarassamy Rajakannu (India)
Israa Mohsen Khalil (Iraq)	Magdi Genawi Ali (Ireland)	Nada Abidalhur Alebrahimi (Iraq)
Jagpreet Singh Deed (India)	Mahavir Prasad Beniwal (India)	Nadia Tarak Barakat (Iraq)
Jaibharathi Kundur Rudrappa (India)	Mahesh Kumar Thakur (India)	Nadire Sevda Idil (Turkey)
Jaleel Hussien Hammoodi (Iraq)	Mahesh Man Pradhan (Nepal)	Naimaa Khatoon Chaudhary (India)
Jameel Mohammed Salih (Iraq)	Mahesh Mishra (India)	Naimaa Khatoon Chaudhary (India)
Jaspreet Singh Deed (India)	Mahesh Prasad Khakurel (Nepal)	Nand Kishore Prasad Singh (India)
Jassim Ahmed Fakhro (Qatar)	Mahinda Amarasinghe Mallawatthantri (Nepal)	Nandan Krishana Mohan (India)
Javad Saeid Faal (Iran)	Mahmoud Fellah Jahromi (Iran)	Narender Kumar Parasher (India)
Jayabalan Valliappan (Malaysia)	Mahmoud Honarmand (Turkey)	Nargis Harbans Sinjalil (KSA)
Jayahi Bala Juneja (India)	Mahmud Aurangzeb (Pakistan)	Natalia Muraveva (UAE)
Jayasree Sundar (India)	Makkar Mulkh Raj (India)	

Nausheen Fatma Mawal (India)	Puliyath Geetha (Oman)	Sana Abd Muslim (Iraq)
Navaneethan Sivarajasingam (Sri Lanka)	Pulkit Nandwani (India)	Sandeepa Vasudev (India)
Nayantara Bijral (India)	Puresh Boruah (India)	Sanjay Kumar (India)
Nazek Habeeb Al Salman (UAE)	Pushpa Singh (India)	Sanjay Verma (Australia)
Nazik Salameh Amarín (Jordan)	Putri Sri Lasmini (Indonesia)	Sanjeev Kumar Jain (India)
Needet Sver (Turkey)	Qasim Rashad Sleman (Iraq)	Sarabjit Singh (India)
Neeko Inees Chiriyankandath (India)	Raafat Raoof Ahmed Al-Turfi (Iraq)	Sarika Jindal (India)
Neelam Vinay (India)	Rabab Hosny Gabr (UAE)	Satish Ramkrishna Sonawane (India)
Neerja Sharma (India)	Raed Ali Sharma (Turkey)	Satrio Dwi Prasojo (Indonesia)
Neriman Basak Baksu (Turkey)	Rafat Nawaz (Bangladesh)	Scott Arockia Singh (India)
Nermin Kosus (Turkey)	Rahime Beka (Turkey)	Sedat Evlioglu (Turkey)
Nese Yucel (Turkey)	Raisan Mahdi Aljaberi (Iraq)	Seema Theraja (India)
Nicola Deeb Farah (Israel)	Raj Mulkh Makkar (India)	Sema Etiz Sayharman (Turkey)
Nidal Jalal Arafat (Jordan)	Rajasekhar Kanthaswamy (India)	Sema Kayatas (Turkey)
Nilgun Kustarcı (Turkey)	Rajat Aashish Mody (India)	Serpil Telci (Turkey)
Nishat Mustafa Khan (Saudi Arabia)	Rajeev Kumar (India)	Sevim Turgut (Turkey)
Njila Yakalage Barreira Amaral (Portugal)	Rajeev Mohan Seth (India)	Shafy Ali Khan SL (India)
Nocola Deeb Farah (Israel)	Rajendra Mishra (India)	Shahed Saeed Alzaabi (Germany)
Norman Oneil Machado (Oman)	Rajendra Venkat Chivukula (India)	Shahrokh Azimi Dehdezi (Iran)
Nzayisenga Jean Baptiste (Zambia)	Rajesh Mittal (Sultanate of Oman)	Shailaja Chhetri (Sikkim)
Obote Wilson Williams (Uganda)	Rajeshwar Prasad Mishra (India)	Shakuntala Yadav (India)
Oktay Erdener (Turkey)	Rajeshwar Reddy (India)	Sheikh Md. Mahbubul Haque (Nigeria)
Okunweme Ohiosimuan (Nigeria)	Rajneesh Kumar Mishra (India)	Shelar Sharad Shivedas (India)
Oladapo Sunday Sotiloje (Nigeria)	Rajni Gupta (Kuwait)	Shreekrishna Shantaram Datye (Iceland)
Omar Abd Daim (Syria)	Rakesh Hemant Shishodiya (India)	Shyam Sunder Bansal (India)
Omar Birol Durukan (Turkey)	Rakha Aggarwal Tayal (India)	Shyambahadur Prasad (India)
Omar Eltigani Ibrahim (Sudan)	Rama Krishna Rao Boddu (India)	Siavash Falahatkar (Iran)
Omer Abbas Ramzi (Sudan)	Ramadan Ali El-Gantri (Libya)	SK Leivon (India)
Omertalipeturhan (Turkey)	Ramesh Chandra Jain (India)	Snehal Vishnu (India)
Omkar Prasad Sisodia (India)	Ramesh Chandra Satpathy (India)	Sonal Gupta (India)
Osama Elsayed Ammar (Saudi Arabia)	Ramesh L Kodaganallur (Australia)	Sonika Gupta (India)
Osama Saied Alghory (KSA)	Ratan Prasad (India)	Soo Nyung Kim (South Korea)
Ozgur Dogan (Turkey)	Ratnasabapathy Pathmanathan (Sri Lanka)	Sudhir Kumar (India)
Ozlem Ozgur Gursoy (Turkey)	Ravi Kant Arora (India)	Suja Kallingal (India)
Oznur Gokcen (Turkey)	Read Ali Sharaf (Turkey)	Suliman Ali Elsheekh (KSA)
Pablo A. Candelario (Philippines)	Rekha Thakur (India)	Suliman Mohamed Eldurrija (Libya)
Padam Raj Pant (Nepal)	Riadhi Yulianto (Indonesia)	Suman Lata Mendiratta (India)
Pallavi Subhash Patil (India)	Richa Saini (India)	Sumita Bachani (India)
Pankaj Kumar Sinha (India)	Rishi P Jain (India)	Sumita Nayak (Kuwait)
Pankaj Malhotra (India)	Ritu Kaushik (India)	Suphakarn Techapongsatorn (Thailand)
Parmalam_Ramanathan (India)	Ritu Mogra (India)	Suresh Kallianpur Baliga (UAE)
Parvinder Singh (India)	Robbin Saikia (India)	Suresh Kammiampur Baliga (Dubai)
Parvinmohammadi (Iran)	Robert Sy Amaoo (Philippines)	Susanta Kumar Maiti (India)
Patel Morabhai Tushar (India)	Rukiye Agis (Turkey)	Suseela Krishnan Kutty (India)
Pierre C Lucien Charley Trevant (Haiti)	Ruperto, Jr., Gales Kisteria (Philippines)	Sushrut Ashok Puranik (India)
Pinar Yildiz (Turkey)	Rupinder Kaur Ruprai (India)	Swodeep Mohanty (India)
PN Sreeramulu (India)	Saad Dakhil F. Daraji (Iraq)	Syarief Thaufik Hidayat (Indonesia)
Pola Farhad Husni (Iraq)	Sabaa Yehya Alkindalsayari (UAE)	Tabassum Ahmed (India)
Ponifasio Mann (Nigeria)	Sabah Mahdi Al-Chawoosh (Iraq)	Tahrir Abbas Ali Obaidy (UAE)
Pooja Rajesh Vaswani (India)	Sachin Hari Deshpande (India)	Tarek Hussein Mohd. Abu Ayad (Egypt)
Poonam Singh (India)	Sadook Naeem Nasaif (Iraq)	Tegegn Gember Mebratu (Ethiopia)
Poresh Boruah (India)	Sadullah Bulut (Turkey)	Thabo Matsaseng (South Africa)
Prakash Kumar (India)	Safana Muslim Jaffar (Iraq)	Tilahun Tesfayg Gizaki (Ethiopia)
Prakash Kunan (India)	Said IS Hassan (UAE)	Trisdian Tone Niaga (Indonesia)
Pramod Singh (India)	Sajal Kumar (India)	Tsegazeab Kebede Kassaye (Ethiopia)
Pran Singh Pugari (India)	Sajida Parveen Shaikh (Pakistan)	Tuba Gunay (Turkey)
Prasad Khakurel (Nepal)	Sajira Bhasi (India)	Unal Turkey (Turkey)
Prashant Verma (India)	Salah Ali Osman (KSA)	Upasana Gupta (India)
Pratibha Garg (India)	Salah Kamel Saksouk (UAE)	Upsham Goyal (India)
Predraq Urosevic (Belgrad)	Salah Suliman Modawi (KSA)	Urmil Dhatarwal (India)
Prem Kumar A (India)	Salem Ali Ahmed Al-Maashani (Oman)	Usha Vishwanath (India)
Premal Priyakant Pancholi (India)	Salem Nasser Alharethi (UAE)	Usman Abaidullah (Pakistan)
Prithvipal Rajaram Chavan (India)	Salma Omer Abdalla Ibrahim (Sudan)	Vandan Kumar (India)
Priti (India)	Samrita De Banerjee (India)	Vasileios Bagiokos (Greece)
Priti Bajaj (Denmark)	Samson Chandra (Indonesia)	Vasireddy VVS Prasad (India)

**Veerapol Khemarangsan** (Thailand)  
**Vibha Bansal** (India)  
**Vibhuti Kumar** (India)  
**Vicenia Begui Balaso** (Philippines)  
**Vicenia S Balajo** (Philippines)  
**Vijay Bhusan Kalra** (India)  
**Vijay Kumar Mishra** (India)  
**Vijay Kumar Rajaram Naik** (India)  
**Vijay Rajsinh Dilubha Gohil** (India)  
**Vijay Ram Raje** (India)

**Vincent T Yu** (USA)  
**Vinita Singh** (India)  
**Vinod Kumar** (India)  
**Vipin Nagpal** (India)  
**Virochana Kaul** (India)  
**Vishnu Jobanputra** (India)  
**Vivek Gunvant Tank** (India)  
**Vivek Khanna** (India)  
**Vivek Sinha** (United Kingdom)  
**Vurla Prabhavathi** (KSA)

**Wahyudi Gani** (Indonesia)  
**Wilfred James Kimani** (Kenya)  
**Wisam Hamza Abbas** (Jordan)  
**Yasser Saleh Sabr** (KSA)  
**Yeksin Helvacioglu Karatas** (Turkey)  
**Yousry El-Sayed Abdu Aziz** (KSA)  
**Yudi Mulyana Hidayat** (Indonesia)  
**Zainab Hassan Al-Khafajy** (Iraq)  
**Zeynep Akcig** (Turkey)

# World Journal of Laparoscopic Surgery

January-April 2013 Volume 6 Number 1

## Contents

### ORIGINAL ARTICLES

- Veress Needle: A Safe Technique in Modern Laparoscopic Era ..... 1-5  
*Shailesh Kumar, Shubhendu Bhaduri, Abu Masood Ansari, Suchita Tripathi, Priyadarshi Dikshit*
- Efficacy and Safety of Single Port Laparoscopic Cholecystectomy: A Single Institute Experience ..... 6-10  
*Kadhim Abdullah, Shah Jalal Sarker, Hitendra Patel, Bijendra Patel*
- A Comparative Study of Laparoscopic vs Open Surgery for the Management of Duodenal Ulcer Perforation ..... 11-14  
*PN Sreeramulu, TS Venkatachalapathy, CS Supreet, S Prathima*
- Dilip-Sarbani Knot (New Extracorporeal Knot) ..... 15-18  
*Bijan Kumar Mukhopadhyay*

### REVIEW ARTICLES

- Is there a Future for Robot-assisted Laparoscopic Nissen Fundoplication (RALF)...? ..... 19-22  
*Kamal H Pushdary*
- What Should be the Approach in the Long-term Management of Patients with Gastroesophageal Reflux Disease? ..... 23-28  
*Mohamed Solih*
- Comparing Laparoscopic and Laparotomy for the Surgical Management of Ectopic Pregnancy ..... 29-32  
*Shereen Pradeep Kumar*
- A Review of Medical Education in Minimally Invasive Surgery ..... 33-36  
*Shamanique Shamona Bodie*
- Is Minimal Access Surgery of Esophageal Atresia with Distal Esophageal Atresia by Thoracoscopy better than Conventional Thoracotomy? A Multi-institutional Review of Literature to get the Answer ..... 37-41  
*Usman Javaid*
- Laparoscopic vs Robotic-assisted Sacrocolpopexy ..... 42-46  
*B Lavanya*

### SURGICAL TECHNIQUE

- Two Trocar Laparoscopic Repair of Morgagni Hernia in Infant and Childhood: Simplified Technique ..... 47-51  
*Medhat M Ibrahim*

## SUBSCRIPTION INFORMATION

### Annual Subscription:

Individual: ₹ 3500.00 (National)  
\$ 200.00 (International)

Institutional: ₹ 5000.00 (National)  
\$ 280.00 (International)

Subscription can be sent to  
**M/s Jaypee Brothers Medical Publishers (P) Ltd**  
Journals Department  
Jaypee Brothers Medical Publishers (P) Ltd  
4838/24 Ansari Road, Daryaganj  
**New Delhi 110 002 India**  
Phone: +91-11-43574357  
Fax: +91-11-43574314  
e-mail: [journals@jaypeebrothers.com](mailto:journals@jaypeebrothers.com)

This journal is published thrice in a year, i.e. January, May and September. Dollar rates apply to subscribers in all the countries except India where INR price is applicable. All subscriptions are payable in advance and all the rates include postage. Journals are sent by air to all the countries except Indian subcontinent. Subscriptions are on an annual basis, i.e. from January to December. Payment will be made by dollar cheque, credit card or directly through our bank account at the following address:

1. Our Banker's Name: Canara Bank, Netaji Subhash Marg  
Darya Ganj, New Delhi 110 002
2. Telephone No: 011-23273015, 011-23273849
3. Fax No: 011-23255606
4. Telex No: 3166291
5. Our Current A/c No: 3828
6. Amount to be Transferred  
in the Name of:  
JAYPEE BROTHERS MEDICAL  
PUBLISHERS (P) LTD., NEW DELHI
7. Swift Code No: CNRB IN BB DFM

For further queries, please do not hesitate to contact at [subscriptions@jaypeejournals.com](mailto:subscriptions@jaypeejournals.com)

## ADVERTISEMENT RATES

(For the Print Issues)

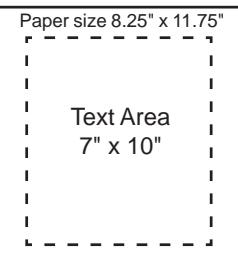
### Page

	<u>Single Issue</u>	
Back cover—color	₹ 50,000	\$ 1000.00
Inside front cover—color	₹ 40,000	\$ 800.00
Inside back cover—color	₹ 35,000	\$ 700.00
Inside full page—color	₹ 30,000	\$ 600.00

Special position: **Price on request**

### Technical Details

Paper size	8.25 x 11.75 inches
Print size	7 x 10 inches
Digital file format	EPS on CD (at 300 dpi resolution)
Printed on art paper using offset printing.	



### Schedule

Issues are published in the months of January, May and September.

Advertisement material along with purchase order and payment should reach us at least four weeks prior to the scheduled print date.

### Payment Details

- Payment should favor 'Jaypee Brothers Medical Publishers (P) Ltd.' and should be payable at New Delhi, India.
- Payment to be done at the time of submitting the advertisement material/booking the advertisement. Please send your advertisement request, payment and advertisement material to the address given above. Editorial board reserves the right to accept or decline the advertisement.

For further queries, please contact [advertisements@jaypeejournals.com](mailto:advertisements@jaypeejournals.com)