# International Journal of Recent Surgical and Medical Sciences

Official Journal of Medical and Surgical Update Society

## **Editor-in-Chief**

#### Pradeep K. Singh

Dr. L.H. Hiranandani Hospital, Powai Mumbai, Maharashtra, India

# **Deputy Editors**

## Shraddha Singhania

Department of Radiodiagnosis, AVBRH, Wardha, Maharashtra, India

#### Sohael M. Khan

Department of Orthopaedics & Spine Services, VBRH, Wardha, Maharashtra, India

# **Associate Editors**

# Mahendra Gudhe

Department of Orthopaedics, AVBRH, Wardha, Maharashtra, India

# Luv Luthra

Department of Vascular & Endovascular Surgery, M.S. Ramaiah Medical College, Bengalaru, Karnataka, India

## Vandana Lohana

RNPC, Wardha, Maharashtra, India Rohit Juneja

Department of Urology, Uro-oncology, Andrology and Kidney Transplant Surgery, Venkateshwara Hospital, Dwarka, New Delhi, India

# **National Board Members**

## Adarshlata Singh

Department of Dermatology, AVBRH, Wardha, Maharashtra, India

## Amrita Madnani

Skinspiration Laser and Skin Clinic, Allahabad, Uttar Pradesh, India

#### **Gaurav Sharma**

Department of Intervention Radiology, AVBRH, Wardha, Maharashtra, India

## Harvinder Singh Chhabra

Indian Spinal Injury Centre, New Delhi, India

## Kedar D. Phadke

Narayan Spine Hospital, Vadodara, Gujarat, India

#### Mridul Arora

Arora Hospital Hisar, Haryana, India

# Pooja Shrivastava

Director & Consultant Radiologist, Vedanta Imaging & Diagnostic Centre, Ghaziabad, Uttar Pradesh, India

# Prapti Rath

Department of Anaesthesia, M.S. Ramaiah Medical College, Bengaluru, Karnataka, India

# Ravi Kumar Chittoria

Department of Plastic Surgery, Jawaharlal Institute of Postgraduate, Medical Education & Research (JIPMER), Puducherry, India

# Samta Brijmohan Singhania

Department of Obstetrics and Gynecology, Inamdar Hospital, Pune, Maharashtra, India

# Samarth Shukla

Department of Pathology, INMC, Wardha, Maharashtra, India

# Sanjay Desai

Department of Vascular and Endovascular Surgery, M.S. Ramaiah Medical College and Hospitals, Bengalaru, Karnataka, India

## Shipra Singhi

Department of Ophthalmology, AIIMS, Jodhpur, Rajasthan, India

## Sourya Acharya

Department of Medicine, AVBRH, Wardha, Maharashtra, India

#### Tanvi Khanna

Department of Pediatrics, Haematology Oncology and Stem Cell Transplant Division, Government Doon Medical College, Dehradun, Uttarakhand, India

# **Uday Patil**

D.Y. Patil Medical College, Mumbai, Maharashtra, India

#### Vaibhav Jain

Department of Anesthesiology, AIIMS, Jodhpur, Rajasthan, India

# Vaibhav Kumar

Vedanta Imaging & Diagnostic Centre, Ghaziabad, Uttar Pradesh, India

# Vikas Y. Ojha

Jahangir Hospital, Pune, India

# Suvarn Gupta

Department of Orthopaedics, Shalinitai Meghe Hospital and Research Center,

Nagpur, Maharashtra, India

# Siddhartha Shrivastava

Department of ENT and Head and Neck Surgery, Postgraduate Institute, Yashwantrao Chavan Memorial, Pune, Maharashtra, India

# **International Board Members**

## Alessandro Landi

Department of Neurology and Phsychiatry Division of Neurosurgery, University of Rome, Sapienza, Italy

## Anamika Chaturvedi

Al Raffa Hospital, Aster Group of Hospitals and

Polyclinics, Muscat, Oman

## Ashutosh Sharma

Western General Hospital, Edinburgh, UK

# **Byapak Paudel**

Grande International Hospital, Kathmandu. Nepal

## **Chandrakant Patil**

Thumbay Hospital, Dubai, UAE

# Deepti Agarwal

Department of Pathology, Medical University of the Americas Potworks Estate, St. Kitts & Nevis West Indies

## Elizabeta Popova Ramova

High Medical School University, St. Clement Ohridski, Bitola, R. Macedonia

# **Kyaw Soe Naing**

Yangon Orthopedic Hospital, Spine Unit, Yangon, Myanmar

## Poonam Singhania

Jurong General Hospital, Singapore

## Padam Simkhanda

International Public Health at the Centre for Public Health, Liverpool John Moores University, UK

## Priyank Khandelwal

Brigham and Women's Hospital, Boston, Massachusetts, USA

#### Provash Saha

Orthopaedics Department, National Institute of Traumatology & Orthopaedic Rehabilitation (NITOR), Dhaka, Bangladesh

#### Ran Kang

Orthopedics Department, Jiangsu Province Hospital on Integration of Chinese & Western Medicine, Nanjing, China

# Sachin Agrawal

National University Hospital, Singapore

# Sferopoulos K. Nikolaos

Aristotle University of Thessaloniki, Thessaloniki, Greece

## Talat Al-Gunaid

Department of Pediatric Dentistry and Orthodontics, College of Dentistry, Taibah University, Kingdom of Saudi Arabia

# Vijeev Sunny Arimboor

Al Raffa Hospital, Aster Group of Hospitals and Polyclinics, Muscat, Oman

© 2021 Medical and Surgical Update Society. All rights, including the rights of publication, distribution, and sales, as well as the right to translation, are reserved. No part of this work covered by the copyrights hereon may be reproduced or copied in any form or by any means - graphic, electronic, or mechanical, including photocopying, recording, taping, or information and retrieval systems - without written permission of the publisher.

International Journal of Recent Surgical and Medical Sciences is published 2 times a year in January and July by Thieme Medical and Scientific Publishers Private Limited, A - 12, Second Floor, Sector - 2, Noida - 201301, Uttar Pradesh, India. Tel: +91-120-4556600, Fax: +91-120-455-6649.

**Subscription**: Open access journals available online for free at http://open.thieme.com.

**Advertisers contact:** Marketing, Thieme Publishers Delhi, A-12, Second Floor, Sector -2, Noida-201301, Uttar Pradesh, marketing@thieme.in.

International Journal of Recent Surgical and Medical Sciences is indexed in Index Copernicus and DOAJ. Thieme Medical Publishers is a member of the CrossRef initiative.

Editorial comments should be sent to journals@thieme.com. The content of this journal is available online at www.thieme-connect.com/Products. Visit our Web site at www.thieme.com and the direct link to this journal at www.thieme.com/ijrsms.

Typesetting: DiTech Process Solutions Pvt. Ltd. Mumbai, India Printing and Binding: Avantika Printers Pvt. Ltd.

**Printed in India**