

Indian Journal of Radiology and Imaging

Official Publication of Indian Radiological Association

Editor-in-Chief

Shyamkumar N. Keshava

Professor and Head, Department of Interventional Radiology;
Head; Division of Clinical Radiology,
Christian Medical College Hospital,
Vellore, Tamil Nadu, India

Joint Editors

Akshay Kumar Saxena

Professor, Department of Radiodiagnosis,
Postgraduate Institute of Medical Education
and Research, Chandigarh, India

Bejoy Thomas

Professor(SG), Department of Imaging Sciences
and Interventional Radiology, Sree Chitra Tirunal
Institute for Medical Sciences and Technology,
Thiruvananthapuram, Kerala, India

Binit Sureka

Secretary and Deputy Editor, Additional
Professor, Department of Diagnostic and
Interventional Radiology, All India Institute Of
Medical Sciences, Jodhpur, Rajasthan, India

Associate Editors

Sarbesh Tiwari
Diva Shah
Ashu Seith Bhalla
Manphool Singhal
Anuradha Chandramohan
Pankaj Gupta
Ekta Dhamija
Purvi Haria
Amandeep Singh
Smita Manchanda
Kushaljit Singh Sodhi
Amar Mukund
Ankur Shah
Ishan Kumar
Pradosh Kumar Sarangi
Amit Janu

Editorial Board Members

Neuro

Manu Shroff
Gaurang Shah
T.B.S. Buxi
Ajay Garg
Atin Kumar
Kshitij Mankad
Beejoy Thomas
Sanjiv Handique
Poonam Narang
N. Chidambaranahan
Parveen Gulati
Savith Kumar
Sharath Kumar

Sameer Vyas
Deb Boruah

Head and Neck

Suresh Mukherjee
A. Anbarasu
Amarnath Chelladurai
Anil Ahuja
Rajendra Solanki
Pradipta Hande
Suprita Arya
Ankur Gadodia

Chest

Namita Sinha Verma
Richa Jain
Abhijit Raut
Uday Patil
Shibani Mehra
Anagha Joshi
Manoj Deshmukh
Santosham Roy
Viral Parekh
Ravinder Kaur
Zafar Neyaz

Cardiac

Priya Jagia
Rahatdeep Singh Brar
Mona Bhatia
Harsha
Vardhan Mahalingam
Leena Vimala Robinson
Himangshu Choudhary
Sanjiv Sharma
Hemant Telkar
Sanjaya Vishwamitra

Breast and Womens' Imaging

Bagyam Raghavan
Bijal Jhankharia
Sabita Desai
Seema Sud
Aman Dafftary
Rupa Ranganathan
Rupa Ananthasivan
Hemal Grover
Bhawna Dev

Abdominal Imaging

Raju Sharma
Karthik Ganesan
Hemant Patel
Joshita Singh
Sudershan Rawat
Rochita Venkatraman
Samarjit Ghuman
Sunil Puri
Sharad Maheshwari
Ritu Kakkar
Rajesh Sharma
Nandini Bahari

Musculoskeletal

Mahesh Prakash
Rajesh Botchu
Khushboo Pilania
Darshana Sanghvi
Malani Lawande
Aditya Dafftary
Dharmendar Kumar Singh

Fetal Imaging and Sonography

Rijo Mathew
TLN Praveen
Rahul Sachdev
Jyotsna Sen
Alka Karnik
Alka Singhal
Chander Lulla
Ashok Khurana
Asif Momin
Ashwin Lawande

Pediatrics

Rama Anand
Pooja Abbey
Jayraj Govindraj
Balakrishna Shetty
Abhishek Gorlawar

Interventional Radiology

Shyamkumar Keshava
Mathew Cherian
Sreekanth Murthy
Vimal Someshwar
Hirdesh Sahni
Rochan Pant
Rahul Sheth
Abhishek Bansal
Chinmay B. Kulkarni

Oncoimaging

Muralikrishna L
Akshay Baheti
Pankaj Sharma
Saugata Sen

Nuclear Medicine and Molecular Imaging

Sikandar sheikh
Vikram Lele
Amit Abhyankar
Maria dSouza
Parag Aland

Physics

S. Senthil Kumar
Rohini Gupta Ghasi
Prateek Kumar

Editorial Board Members

Ambrish Dalal
Anand Abkari
Anirudh Kohli
Bhavin Jankharia

C. S. Pant
Chander Mohan
Gautam Goswami
Govind Jankharia
H. S. Ballal
Harshad Shah
Inder Talwar
Manorama Berry
Meera Rajani
Om Tavri
S. K. Sharma
Sanjay Jain
Srinivas Desai
Sudha Suri

List of Office Bearers of IRIA

President

Gurdeep Singh

President Elect

Sandeep Kavthale

Immediate Past President

V. N. Varaprasad

Secretary General

Pankaj Sharma

Vice Presidents

Neera Kohli
G. V. Mohan Prasad
Balkrishna Kitture

Honorary Treasurer

Rijo Mathew

Joint Treasurer

Shibani Mehra

Joint Secretaries

H. K. Anand
Ram Baksh Sharma

List of Office Bearers of ICRI

Chairman

Sikandar Shaikh

Secretary

Natasha Gupta

Vice Chairpersons

Ramesh Chander
S. Babu Peter

Honorary Treasurer

Pankaj Kumar Yadav

Joint Secretaries

Kushal Baboo Gehlot
Amandeep Singh

Governing Body Members

Ajit Yadav
Ashok Kumar Mandal
J. Jagan Mohan Reddy
Sudhir Kumar Kale
Sushant Agarwal

© 2025, Indian Radiological Association. 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.

Indian Journal of Radiology and Imaging is published 4 times a year in January, April, July, and October by Thieme Medical and Scientific Publishers Pvt. Ltd., A-12, 2nd Floor, Sector 2, Noida-201301 UP, 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 Medical and Scientific Publishers Pvt. Ltd., A-12, 2nd Floor, Sector 2, Noida-201301 UP, India, marketing@thieme.in. *Indian Journal of Radiology and Imaging* is indexed in DOAJ, ESCI, PubMed, and SCOPUS. 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/ijri.

Typesetting: Thomson Digital, Noida, India

Printing and Binding: Sai Printo Pack (P) Ltd.

Printed in India