

Futuristic Trends in
Medical Sciences

Volume 3, Book 19, 2024, IIP Series



Futuristic Trends in

MEDICAL SCIENCES

Volume 3, Book 19, 2024, IIP Series



Title of the Book: Futuristic Trends in Medical Sciences

Edition: Volume 3, Book 19, 2024, IIP Series

Copyright © 2024 Authors

No part of this book may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owners and publisher.

Disclaimer

The authors are solely responsible for the contents published in this book. The publisher or editors do not take any responsibility for the same in any manner. Errors, if any, are purely unintentional and readers are requested to communicate such errors to the editors or publishers to avoid discrepancies in future.

ISBN: 978-93-6252-225-2

Publisher, Printed at & Distribution by:

Selfypage Developers Pvt. Ltd.,
Pushpagiri Complex,
Beside SBI Housing Board,
K.M. Road Chikkamagaluru, Karnataka.
Tel.: +91-8861518868
E-mail: info@iipseries.org

IMPRINT: I I P Iterative International Publishers

PREFACE

Book series on Medical Science gives the opportunity to students and doctors from all over the world to publish their research work in a set of Preclinical sciences, Internal medicine, Surgery and Public Health. This book series aim to inspire innovation and promote academic quality through outstanding publications of scientists and doctors. It also provides a premier interdisciplinary platform for researchers, practitioners, and educators to publish the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Medical Science. It also provides a remarkable opportunity for the academic, research and doctors communities to address new challenges and share solutions and discuss future research directions in the below field but not limited to

1. Surgery
2. Obstetrics
3. Pathology
4. Biomedical Sciences
5. Epidemiology and Public Health
6. Otolaryngology
7. Anaesthesia
8. Medicine
9. Paediatrics
10. Odontology
11. Odontology
12. Orthopaedic Medicine
13. Dermatology
14. Radiology
15. History of Medicine
16. Psychiatry
17. Neurological Sciences
18. Rheumatology and Rehabilitation
19. Ophthalmology
20. General Practice
21. Genito Urinary Medicine
22. Bioengineering
23. Health Informatics
24. Dental Surgery
25. Ayurveda
26. Unani
27. Homoeopathy

EDITORIAL BOARD MEMBERS

Dr. Abdul Nasir

Assistant Professor

School of Unani Medical Education and

Research Jamia Hamdard (Deemed to be University)

Jamia Hamdard, New Delhi, India.

Dr. Rajesh Chaudhary

MS General Surgery

Assistant Professor

Department of Surgery Pt JLNGMC

Chamba, Himachal Pradesh, India

Dr. R. B. Hosamani

Professor and Head

Department of Community Medicine

Yoga B.V.V.Sangha's Ayurved Medical College and Hospital

Bagalkot, Karnataka, India

Dr. Consuelo Fernanda Macedo De Souza

Av Mato Grosso,

812 Bairro dos Estados João Pessoa - PB Brazil

Dr. M. Someswara Rao

MS, (MCh Surgical Oncology Resident)

FACRSI, FISCP, FMAS, Colorectal Surgery Fellowship (Apollo)

General, Laparoscopic, Colorectal and Onco Surgeon.

MNJ Institute of Oncology & Regional Cancer Center

Hyderabad, Telangana, India.

Dr. Abhaya Sanjay Mahadik

Assistant Professor

MVP Samaj College of Physiotherapy

Nashik, Maharashtra, India.

Dr. Krutarth R Brahmhatt

Professor & HOD

Department of Community Medicine

GMERS Medical College,

Junagadh, Gujarat, India.

Dr. Meena Gupta

Department Of Physiotherapy

Amity Institute Of Health Allied Science Sector-125

Noida, Uttar Pradesh, India.

Abhijit Sasmal

Department of Pharmacology

Aditya Bangalore Institute of Pharmacy Education and Research

Bengaluru, Karnataka, India.

Dr. Vijay Chouhan

Assistant Professor

Government Medical College

Ratlam, Madhya Pradesh, India

Dr. Pradkhshana Vijay

KGMU

Lucknow, Uttar Pradesh, India.

Dr. Sudhaker Dixit

Assistant Professor

School of Management Sciences

Lucknow, Uttar Pradesh, India.

Dr. Midhun Ramesh

Consultant Nephrologist
BMH Hospital
Kannur, Kerala, India.

Dr. Debankur Roy

Dentist Pedodontist
Jaipur Dental Collage
Jaipur, Rajasthan, India.

Dr. Mohnish Muchhal

Assistant Professor
Dept of Public Health Dentistry
Subharti Dental College and Hospital
Swami Vivekanand Subharti University
Meerut, Uttar Pradesh, India.

Dr. Neelam Patil

Online Adjunct Instructor
Departement of Natural Sciences
Southern New Hampshire University
Boston, United States

Dr. Sharangouda J. Patil

Associate Professor
Department of Zoology,
NMKRV College for College
Bengaluru, Karnataka, India.

Dr. K Sridevi

Professor
Department of Oral Medicine & Radiology
Lenora Institute of Dental Sciences
East Godawari, Andhra Pradesh, India

Dr. Swapnil Thakur

Assistant Professor
People's Dental Academy
People's University Campus
Bhopal, Madhya Pradesh, India.

Dr. Shivaranjani Kantharia

Associate Professor
J.S. Ayurveda College
Nadiad, Gujarat, India

Dr. Manjulika Tyagi

Assistant Professor
Department of Prosthetics
Subharti Dental College
Meerut, Uttar Pradesh, India.

Dr. Muhammad Zubair

Assistant professor
Multan Institute of Kidney Diseases
Multan, Pakistan.

Dr. Rahul Paul

Principal, Professor and Head
Inderprastha Dental College
Ghaziabad, Uttar Pradesh India

Dr. Urfeya Mirza

Assistant Professor
Khalsa College of Veterinary and
Animal Sciences (KCVAS)
Amritsar, Panjab, India.

CONTENTS

	Page No.
PART 1	
Chapter 1 STUMP APPENDICITIS; IT'S RARE, BUT STILL THERE.....	1-6
PART 2	
Chapter 1 CONSTIPATION – A DIFFERENT APPROACH.....	7-24
Chapter 2 SYSTEMATIC REVIEW ON WEARABLE GADGETS IN HEALTHCARE MANAGEMENT.....	25-34
Chapter 3 FUTURISTIC TRENDS IN MEDICAL SCIENCES- NEWER APPROACHES TO MANAGEMENT OF GROIN HERNIAS.....	35-50
PART 3	
Chapter 1 ZOO NOTIC TUBERCULOSIS: A COMPREHENSIVE OVERVIEW	51-72
PART 4	
Chapter 1 FORENSIC ODONTOLOGY: INTRODUCTION AND RECENT ADVANCES.....	73-84
Chapter 2 ESTABLISHING SUCCESSFUL DENTAL CLINIC	85-113
Chapter 3 ARTIFICIAL INTELLIGENCE IN ORAL HEALTH CARE.....	114-135
Chapter 4 VISUALIZING HEALTH: A JOURNEY THROUGH MEDICAL IMAGING	136-144
Chapter 5 DIAGNOSTIC TOOLS IN PERIODONTOLOGY.....	145-150
PART 5	
Chapter 1 STHOULYA – PRINCIPLES FOR PREVENTION AND MANAGEMENT	151-157

Chapter 2 PLASTINATION- ADVANCED TECHNIQUE TO PRESERVE SPECIMENS IN MEDICAL AND DENTAL COLLEGES	158-170
Chapter 3 ADVANCED APPLICATIONS OF PHYTONANOTECHNOLOGY IN FOOD, AGRICULTURE, AND MEDICINE AND ASSOCIATED CHALLENGES TO OVERCOME.....	171-195
Chapter 4 BIOENGINEERING STRATEGIES THAT BRIDGE MEDICINE AND TECHNOLOGY.....	196-214
Chapter 5 FUTURE PROSPECTS OF AYURVEDA: UNVEILING THE PRESENT AND EXPLORING NEW HORIZONS.....	215-238
Chapter 6 HISTORY OF MEDICINE.....	239-246

PART 6

Chapter 1 MULTIDISCIPLINARY PHYSIOTHERAPY APPROACH TO IMPROVE FUNCTIONAL ACTIVITY AFTER ACL RECONSTRUCTION.....	247-254
Chapter 2 AYURVEDIC MANAGEMENT OF GUILLAIN BARRE SYNDROME -A CASE STUDY.....	255-263



IIP Series is online, open access, peer-reviewed, interdisciplinary Journal. IIP Series provides a comprehensive solution for conferences and edited books that covers research topics across various scientific, technical, and medical disciplines. It aims at disseminating high-level research results and developments to researchers and research groups. It mainly focuses on presenting practical solutions for the current problems in Applied Sciences and Applied Social Sciences. It features original research work, reviews, case reports, tutorial papers, and accounts of practical developments.

Futuristic Trends in Medical Sciences

Volume 3 Book 19, 2024, IIP Series

ISBN : 978-93-6252-225-2



9 789362 522252