

**Indexing and Abstracting in Following Database**

Crossref



Published by  
Integrated Publications,  
H. No. 3, Pocket - H34, Sector - 3  
Rohini, Delhi - 110085, India  
Toll Free (India): 18001234070  
Email: printintegrated@gmail.com



**Attribution-NonCommercial-ShareAlike  
4.0 International (CC BY-NC-SA 4.0)**

**Peer Reviewed & Refereed**

# **ADVANCED RESEARCH AND CASE REPORTS IN MEDICAL SCIENCE AND HEALTH**



**CHIEF EDITOR  
Dr. Ajay Kumar Reddy Bobba**

**VOLUME - 2**



**INTEGRATED PUBLICATIONS  
NEW DELHI**

# **ADVANCED RESEARCH AND CASE REPORTS IN MEDICAL SCIENCE AND HEALTH**

Volume - 2

## **Chief Editor**

**Dr. Ajay Kumar Reddy Bobba**

MBBS, MD, PGDHS (Diabetology), PGDCC (Cardiology), Professor,  
Department of Community Medicine, Bhaarith Medical College and  
Hospital, Chennai, Tamil Nadu, India

**Integrated Publications™  
New Delhi**

## **Chapter - 2**

### **Electromagnetic Brain Scanner: A New Portable Imaging System for Stroke Classification**

#### **Authors**

##### **Pratap Singh**

M.Sc. Research Fellow, Department of Radiological and Imaging Techniques, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, India

##### **Jitendra Kumar Tiwari**

Assistant Professor, Faculty of Medical Science, P.K. University, Shivpuri, Madhya Pradesh, India

##### **Mamta Verma**

Assistant Professor, Department of Radiological and Imaging Techniques, College of Paramedical Sciences, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, India

##### **Raushan Kumar**

Assistant Professor, Department of Radiological and Imaging Techniques, College of Paramedical Sciences, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, India

# Contents

| Chapters                                                                                                                                                                                                                   | Page No. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1. Cannabinoids in Pharmacotherapy<br>(M.G. Reshma, Lavanya Yaidikar and Padmavathamma M.)                                                                                                                                 | 01-22    |
| 2. Electromagnetic Brain Scanner: A New Portable Imaging System for Stroke Classification<br>(Pratap Singh, Jitendra Kumar Tiwari, Mamta Verma and Raushan Kumar)                                                          | 23-39    |
| 3. Case Study of <i>Ochrobactrum anthropi</i> in Tertiary Care Hospital, Vadodara<br>(Dr. Bindiya Ghedia)                                                                                                                  | 41-51    |
| 4. Antibiotic Profile of <i>Pseudomonas aeruginosa</i> in Tertiary Care Hospital, Vadodara, Gujarat, India<br>(Dr. Bindiya Ghedia)                                                                                         | 53-61    |
| 5. Phantom Vibration Syndrome: The Illusion of a Buzzing Phone<br>(Shilpa, Dr. Divyanshi Kaushish, Dr. Deepak Sharma, Dr. Sahil Thakar and Dr. Swati Sharma)                                                               | 63-74    |
| 6. Contemporary Trends and Treatment Strategies for Osteoporosis<br>(Samaptika Maity, Ambika Bag and Moumita Ray)                                                                                                          | 75-85    |
| 7. Best Practices for Documentation and Sensitive Handling of Menstrual-Related Evidence in Emergency Departments<br>(Dr. Pradeep Kumar Yadav, Dr. Rajiv Ratan Singh, Dr. Richa Choudhary and Dr. Ashish Kumar Singh)      | 87-103   |
| 8. Case Study of <i>Giardia lamblia</i> in Tertiary Care Hospital, Vadodara<br>(Dr. Bindiya Ghedia)                                                                                                                        | 105-116  |
| 9. Diabetes & Oral Health<br>(Dr. Pujita Roy, Dr. Suresh Babu Kondaveeti, Dr. Bhuvaneshwari Karthikeyan, Dr. Madiha Anwar, Dr. Avinash, Nikolaos Syrmos, Sadia Afrin and Rezwan Ahmed Mahedi)                              | 117-140  |
| 10. Core Concept of Hypothyroidism: Relation between Muscle and Joint Pain Evaluation and Treatment with Hypothyroidism<br>(Shipra Shrivastava, Devesh Kumar Joshi, Ruchir Jain, Parag Kumar Shrivastava and Naveen Khare) | 141-157  |