



# JOURNAL Of the INDIAN MEDICAL ASSOCIATION

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### Original Articles

A Study of Clinical Presentations of Chronic Lead Poisoning In Adult  
— *Rimi Som Sengupta, Upal Sengupta, Anirban Ghosh, Samir Chakraborty, Anirban Sarkar, Sagnic Mondal*

[Lead, an important industrial heavy metal, is known to cause toxicity to human beings. Being indispensable in modern industry based civilization, lead continues to cause toxicity to persons handling it. It can damage major organ systems in human body resulting in permanent dysfunction. With proper screening program this disease can be prevented or treated at an early stage.]

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To Evaluate the Efficacy of Microplan for Emergency Department of Medical Colleges laid by the Uttar Pradesh Government of India in Reference to the COVID-19 Pandemic  
— *Anjana Pandey, Madhu Singh, Prabhat Agrawal, P K Maheshwari, Ashish Gautam, Nikhil Pursnani*

[To evaluate the efficacy of MICROPLAN for screening and segregation of patients coming to Emergency Department (ED) of Medical Colleges of state, laid down by Uttar Pradesh Government of India, in reference to the COVID-19 pandemic.]

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Study on Perinatal Outcome in Relation to Maternal Vitamin D Deficiency  
— *Dipankar Sarkar, Babita Saha, Sajal Datta*

[To assess the incidence of vitamin D deficiency in primigravida and to correlate perinatal outcome after substitution of Vitamin D among those deficient women.]

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A Drug Utilization Study of Antidepressants in the Psychiatry Unit of a Tertiary Care Hospital — *Sagar Kumar*

[This study aims at analyzing the drug utilization pattern of the different classes and individual antidepressant drugs used in the therapy of Major Depressive Disorder. Major Depressive Disorder (MDD) is an extremely common psychiatric condition. Antidepressant class of drugs are commonly used to treat this condition. In my study, analysis of prescription patterns of antidepressants was carried out for patients suffering from MDD.]

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Role of Laparoscopy in Management of Non-palpable testes : Our Experience  
— *Ketan D Mehta, Harshit Rewari*

[In 2003 we have published our series on the same subject. The subject is revisited again in present study. We would like to share our experience and changes which have taken place in these 15 years with literature support.]

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### Review Articles

Cardiac Complications in Chronic Liver Diseases — *Trinayani Barua, Anup Kumar Das*  
[Chronic liver diseases can occur due to various etiologies and each type is associated with specific cardiovascular manifestations. Hyperdynamic syndrome and cirrhotic cardiomyopathy are commonly associated with liver cirrhosis. These are manifested by systolic, diastolic and electrophysiological changes in the heart.]



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## 49 Case Reports

Drug Safety Issues in Cardio-oncology Practice — *Madhuchanda Kar, Subhrojoyoti Bhowmick, S K Ashik Ikbai*

Patients suffering from cancer and heart disease are palliated by cardio-oncologist. The field cardio-oncology is a multi-disciplinary approach between cardiologists and oncologists. Recovery rates of cancer patients have increased over the past few years due to advent of potential drugs and targeted therapies. Combination of new targeted therapies with older chemotherapeutic regimens like anthracyclines are considered to be cardio-toxic.

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A Rare Case of Idiopathic Pulmonary Fibrosis with Parvovirus B-19 Infection — *Ankit D Patel, Sapna Dixit, R A S Kushwaha, Durshan Kumar Bajaj, Jyoti Bajpai, Surya Kant*

[Idiopathic Pulmonary Fibrosis (IPF) is a chronic interstitial disease of unknown cause occurring in old age. These patients present to the Emergency Department with frequent exacerbation. Acute worsening of respiratory symptoms in IPF are primarily contributed by pulmonary or nonpulmonary infections, pulmonary embolism, heart failure, bronchogenic carcinoma, ischemic heart disease and stroke.]

## 56 Pictorial CME

MDA5 Positive Juvenile Dermatomyositis with Interstitial Lung Disease — *Subhajit Das, Anupam Mandal, Shubhanshu Pal, Himadri Roy, Barun Behari Das*

[Juvenile Dermatomyositis (DM) is a form of dermatomyositis which occurs in two peaks at age group 6 years and 11 years characterised mainly by calcinosis, cutaneous ulceration, lipodystrophy more prominent than adult population along with Interstitial Lung Disease (ILD).]

## 58 Image in Medicine

Role of Platelet Rich Fibrin in Non-healing Ulcers — *Amitabha Bhattacharya, Anwesh Ghosh*

— *Bhoomi Angirish, Bhavin Jankharia*

## 59 Drug Corners

Effectiveness and Safety of Nefopam in Indian Patients with Acute Traumatic Pain — *Suresh Uikey, C Rex, Chandrashekhar Bhaskar Sathaye, Kshitij Shah, Omvijay Chaudhari, Akshay Nahar, Rahul Jain*

[Nefopam is a non-narcotic, centrally acting analgesic agent commonly used as an adjuvant for postoperative pain. Considering the paucity of clinical evidence for nefopam in traumatic pain in the Indian setting, this study was conducted to assess the effectiveness and safety of nefopam hydrochloride in Indian patients presenting with acute traumatic pain.]



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Effectiveness of Regular Monitoring on Adherence to Urate – Lowering Therapy and Its Effect on Serum Uric Acid Levels in Indian Subjects — A Retrospective Analysis  
— *Ramesh Dargad*

[To evaluate the effect of continuous monitoring on treatment compliance and Serum Uric Acid (SUA) levels in Indian subjects enrolled in a patient support program.]

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Lincomycin : A review and meta-analysis of its efficacy and tolerance in common infections encountered in clinical practice — *Anish Desai, Varsha Narayanan, Sunaina Sanand*

[Lincomycin, the first antibiotic of the Lincosamide class, has been studied and used in several common outpatient and hospital-based infections, in both its oral and injectable forms. The main ones among these are Ear Nose Throat (ENT) and Respiratory Tract Infections (RTI), skin and Soft Tissue Infections (STI) including surgical wound infections, bone and joint Infections (osteomyelitis and septic arthritis), and oro-dental infections.]

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