



# JOURNAL Of the INDIAN MEDICAL ASSOCIATION

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## Editorial

Screening for Peripheral Artery Disease : Putting Prevention into Practice  
— Anirban Majumder, Soumyabrata Roy Chaudhuri

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## Original Articles

A Study of Peripheral Arterial Disease in Type 2 Diabetes Mellitus with Relation to Ankle Brachial Pressure Index — Rupam Bhowmick, Bhaskar Kanti Nath, Prithwiraj Bhattacharjee

[India shares a considerable share of the Global Disease Burden of Diabetes Mellitus which is a major public health concern. Among the many Vascular Complications of Diabetes, Peripheral Arterial Disease (PAD) is one and a major cause of Foot related Disorders in Diabetics.]

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Quantification of Pre-analytical Quality Indicators in a Clinical Laboratory and Formulating the Lean Six Sigma DMAIC Strategy — Pallavi Jain, Preeti Chauhan, Vibha Uppal, Ekta Debnath, Sanjib Gogoi, Priti Chatterjee

[Quality control of the laboratory has gained increased importance in the present years. 70 % of the errors in the clinical laboratory occur in the pre-analytical phase.]

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Are the COVID Warriors Confident about COVID Vaccine? A Survey among the Healthcare Workers of West Bengal to Explore their Perception about COVID-19 Vaccine and causes of Vaccine Hesitancy — Aditi Chaudhuri, Dhritiman Chakraborty, Subhro Chakraborty, Pradip Kr Mitra

[Deaths of healthcare workers (HCWs) from COVID-19 infection were reported from various parts of West Bengal months after rolling out of Vaccines for them. Empirical data suggested that those HCWs who died due to COVID-19 were either not vaccinated or partially vaccinated. which points to Vaccine hesitancy among them.]

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Comparative Efficacy of Hydrochlorothiazide and Chlorthalidone, used either alone or in Combination Therapy in Patients with Essential Hypertension in Tertiary Care Hospital of Uttarakhand — Manira Dhasmana, Amit Varma

[To study the comparative efficacy of Hydrochlorothiazide and Chlorthalidone, either used alone or in combination on Systolic Blood Pressure (SBP), Diastolic Blood Pressure (DBP), Lipid Profile and Anthropometry.]

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A Study to Estimate the Magnitude of Dry Eye Disease among Adolescent Population using Visual Display Terminals in Lockdown Period — A Cross-sectional Observational Hospital Based Study — Kaushik Mitra, Sanjib Bandyopadhyay, Suman Mukhopadhyay, Sagar Karmakar

[Dry Eye a grave problem in recent days has become a matter of concern for its diversity of symptoms including blurred vision and foreign body sensation and difficulty in diagnosis. There has been a sharp rise of Dry Eye symptoms during lockdown period in individuals who are using Visual Display Terminals (VDT).]

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Comparison of Analgesic Effects of Levobupivacaine (0.25%) versus Bupivacaine (0.25%) using Ultrasound Guided Transversus Abdominis Plane Block in Total Abdominal Hysterectomy under General Anesthesia — An Interventional Study — Susmita De, Debajyoti Sur, Sankar Roy, Dipasri Bhattacharya

[Transversus Abdominis Plane (TAP) block is recently being used for effective pain relief following Total Abdominal Hysterectomy (TAH). Ultrasound guided block helps in correct localization of the plane and proper deposition of drugs. This study was done to compare the efficacy of levobupivacaine and Bupivacaine in TAP block in TAH.]



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Efficacy of Interventional Awareness Program on HIV/AIDS among High School Students of West Bengal, India — *Ramdas Chatterjee, Shambo Samrat Samajdar, Shatavisa Mukherjee, Jyotirmoy Pal*  
[Worldwide HIV infection is a Public Health Problem. Adolescents and young people are inclined to experiment with sex and prone to have HIV infection.]

## Review Article

An update on Oral Manifestations of COVID-19 : a Narrative Review — *Jasmine Nindra, Mona Prabhakar, Maninder Singh Sidhu, Namrata Dogra*  
[Coronavirus disease, since its first case reported in China in 2019, has increased at an exponential rate globally, still growing strong and challenging the Healthcare System Globally. It primarily causes Pneumonia by infiltrating the respiratory tract.]

## Case Reports

Isolated Unilateral Third Cranial Nerve Palsy : A Rare Presentation of Dengue Fever — *Biva Bhakat, Angan Karmakar*  
[We herein report a case of unilateral 3rd cranial nerve palsy in a 15 years old boy. It can be due to numerous aetiologies like infectious, inflammatory, malignant, metabolic or vascular. In our case the nerve palsy was preceded by history of high grade fever of 5 days.]

*Stenotrophomonas maltophilia* : A Rare cause of Bacteremia in a Patient of Viral Encephalitis — *Shreekanth Tiwari, Monalisah Nanda*  
[*Stenotrophomonas maltophilia* is an important Nosocomial Bacterial Pathogen. It is ubiquitous, non-fermentative gram negative bacillus previously known as *Pseudomonas maltophilia* or *Xanthomonas maltophilia*.]

## Special Correspondences

A More Hygienic Method for Measuring Blood Pressure — *Aditya Raut, Rajeev Raut*  
[Blood Pressure (BP) measurement is the commonest test performed in any healthcare facility. The same BP cuff is used for measurement of BP in many patients. The BP cuff can get contaminated with microorganisms.]

Pledging Service to Humanity..... — *Ravi Wankhedkar*

## Voice of Expert

Current Status of Postgraduate Medical Education in India : Some Thoughts — *Pawanindra Lal*

## Image in Medicine

— *Bhoomi Angirish, Bhavin Jankharia*

## Student's Corner

Become a Sherlock Holmes in ECG — *M Chenniappan*

## Medical History

Jivaka : The legendary Physician of Ancient India — *Rudrajit Paul*

## Book Review

## Letter to the Editor