

# JOURNAL Of the INDIAN MEDICAL ASSOCIATION

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-- Editorial :

Are we Marching away from Safety? — Tamonas Chaudhuri

3 — Insight:

11

Shining India — Dream of A Monk — Jyotirmoy Pal

Review Articles:

Repurposing Mefenamic Acid in the Management of COVID-19 — KKAggarwal, Yeh Woei Chong, Rajan Sharma, Marthanda Pillai, Ravi Naidu, Alvin Yee-Shing Chan, Marie Uzawa Urabe, Debora Cavalcanti, Prakash Budhathoky, Qalsar Sajjad, Russel D'Souza, N Ganabaskaran, Md Jamaluddin Chowdhary, Prakash, R V Asokan, Ramesh K Datta, Jayakrishnan Alapet, V K Goel, Brijendra Prakash, Shashank Joshi, Ashok Gupta, Suneela Garg, Alex Thomas, D R Rai, JA Jayalal, P N Arora, K Kalra, A K Aggarwal, Anita Chakravarti, Atul Pandya, Shantanu Tripathi, Bejon Mishra, T S Jain, Anil Pachnekar, Shivkumar S Utture, Ketan Mehta, R P Pareek, Alok P Nachane, Ambanna Gowda, Shilpa Karande

[With the growing understanding of coronavirus disease-2019 (COVID-19) pathogenesis, different therapeutic targets are being considered for the management of COVID-19. The development of new drugs is a time-consuming process; hence, many drugs acting on similar therapeutic targets/sites in the COVID-19 treatment are repurposed in COVID-19]

Classical and Molecular Virology in the Context of SARS-CoV-2 — Shailesh D Pawar, Babasaheb V Tandale, Deeksha S Tare, Sachin S Keng, Sadhana S Kode, Priya Abraham [Diagnostic virology has evolved as a discipline from being confined to hospital laboratories to dedicated state-of-the art research facilities around the world, working on different aspects of diagnosis and research on viral diseases.]

New Strain SARS CoV2 — Partha S Ray

[Under severe strain for nine months of 2020, with 1.8 million deaths through Covid 19 and 85 million people infected, we were all hoping 2021 would show us the light at the end of the tunnel.]

Voice of the Expert:

Adult Vaccination: Some Frequently asked Questions & Answers — A Muruganathan

13 \_\_\_\_ Original Articles

The Glitch with the web of Anti Tubercular Drugs — A Prospective Study on Adverse Drug Reactions — Santanu Kumar Ghosh, D P Singh, Abhishek Kumar Tiwari, Ajay Kumar Singh [Adverse drug reactions to antituberculous drugs in DOTS are common and can cause significant morbidity and mortality. Gastrointestinal intolerance, hepatitis and cutaneous side-effects are commonly encountered.]

Faculty Perceptions of Theory Question as an Assessment Tool: A Survey — *Anjan Adhikari, Santanu Munshi, Moumita Roy, Sangita Bhattacharya, Rania Indu, Anup Kumar Das* [Medical Education is recognized as an essential system for ensuring the quality of health of common people. Assessment plays a very important role in guiding the direction of the development of meaningful learning.]

A Study of Serum Magnesium and Serum Zinc Concentration In Type 2 Diabetes Mellitus Patients with and without Diabetic Nephropathy — Tapas Paul, Polok Das, Prithwiraj Bhattacharjee, Dwijen Das

[The deficiency of important trace elements like Magnesium and Zinc in terms of their serum concentrations in Type 2 Diabetes Mellitus patients, commonly claimed to be a cause of diabetic nephropathy.]

Factors affecting High-Risk exposure amongst Health Care Workers (HCW): Audit of COVID-19 Risk Assessment Committee from Tertiary Care Centre in North East India — Vikas Kantilal Jagtap, Tony Ete, Lanalyn Thangkhiew, Evarisalin Marbaniang, Anita Marak, Daunipaia Slong, Dathiadiam Tongper, Nari Mary Lyngdoh, Amitav Sarma, Noor Topn [Quarantine and testing of High-Risk exposures of COVID-19 positive Health Care Worker (HCW) are recommended as per Ministry of Health & Family Welfare (MoHFW) guidelines. Many factors prevail when a HCW becomes High-Risk contact of a positive HCW during or after work hours.]

Special Correspondence:

World Leprosy Day: Looking Beyond MDT — Bani Prasad Chattopadhyay



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Image in Medicine :

— Bhoomi Angirish, Bhavin Jankharia

Student's Corner:

Become a Sherlock Homes in ECG — M Chenniappan

Case Report:

Mesangioproliferative Glomerulonephritis in a case of Pulmonary Atresia with Ventricular Septal Defect (Pseudotruncus arteriosus): An Interesting Case Report — Shubhanshu Pal, Pradip Kumar Datta, Adrija Ganguly, Sayan Saha, Himadri Roy

Pradip Kumar Datta, Adrija Ganguly, Sayan Saha, Himadri Roy

[Pulmonary atresia with ventricular septal defect (PA-VSD) with pulmonary arterial supply arising from aorta represented by large Major aortopulmonary Collateral Arteries (MAPCAs) associated with a right sided aortic arch is an uncommon anomaly.]

### 70 Case Discussion in Medicine:

 $Fever: A case \ based \ approach for the \ clinicians - Atanu \ Chandra, \ Uddalak \ Chakraborty \\ [Fever is the presenting manifestation of several infective, inflammatory or neoplastic disease conditions. Acute febrile illness (duration of fever < 14 days) is mainly due to infective etiologies in our country.]$ 

#### 6 — Pictorial CMEs:

Moya Moya Disease — A Rare Case of Stroke in Children — Sumi M Pillai, Jayakrishnan M P, Tanu Arora, K Malcolm Jayaraj, S Sakthivelayutham, P R Sowmini, M Sathish Kumar, R Viveka Saravanan, K Mugundhan

A Cause of Recurrent Seizure — A Neuro Cutaneous Syndrome — *Pranabananda Pal, Nandini Chatterjee* 

#### 80 — Medical History:

Native Medical Institution: The first footprint of British Medical Education in India — Rudrajit Paul

#### ---- Perspective:

How to conduct clinical trial during an Epidemic: Lessons from the WHO Solidarity Trial — Rudrajit Paul, Jyotirmoy Pal

## 85 History: Remembering the Stalwarts:

— Rudrajit Paul, Jyotirmoy Pal

#### R6 — Mediquiz - 01 / 2021 :

— Kausik Ray, Sandip Kr Halder, S Das

# 88 — Special Article:

Understanding whole grain awareness and consumption in select Indian cohorts — Jagmeet Madan, Naaznin Hussain, Shilpa Joshi, Joshya Mehra, Ankita Marwaha, Richa Bharti, Joel Thomas [Grains are an integral part of Indian diet. Carbohydrates constitute to 60-70% of total daily calorie intake and grains are the key carbohydrate source.]

#### Letters to the Editor

97 — Book Reviews

95

84