



# JOURNAL *Of the* INDIAN MEDICAL ASSOCIATION

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## 04 In Memorium

## 10 Editorial

We will not give in... — *Tamonas Chaudhuri*

## 13 Original Articles

Effect of Deranged Thyroid Profile on Glycated Hemoglobin : Pre and Post Treatment — *Anubha Srivastava, Sandeep Rai*

[Glycated haemoglobin (A1C) levels depend on factors other than glycemic status and may have altered levels in different conditions. It has been postulated that A1C levels may vary due to altered thyroid status. Non-Diabetic patients of overt hypo- and hyperthyroidism were selected. Age and sex-matched controls were recruited.]

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Plasmapheresis; Reasons & Results, An Epidemiological Study on the Indications and Outcome of Therapeutic Plasma Exchanges in a Tertiary Care Hospital — One Year Single Center Experience — *Soumava Gupta, Anand Prasad, Pratik Das, Deepak S Roy, Ravi Ranjan Saw Mondal, Manoj Gupta, Himadri Sekhar*

[Therapeutic Plasma Exchange (TPE) is a commonly accepted procedure used to remove circulating antibodies against specific antigens which are causative to a variety of diseases mediated by the reaction of these Antigen and Antibodies and activation of the complement cascade thereafter. It is also used as a part of the desensitization protocol in case of ABO incompatible renal transplant where circulating donor specific auto antibodies against the donor's blood group is removed.]

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Prevalence of COVID-19 Infection and Identification of Risk Factors among Asymptomatic Healthcare Workers : A Serosurvey Involving Multiple Hospitals in West Bengal — *Sunetra Mondal, Arijit Singha, Debaditya Das, Subhasis Neogi, Piyas Gargari, Moxit Shah, Durairaj Arjunan, Pradip Mukhopadhyay, Sujoy Ghosh, Jyothi Chowdhury, Subhankar Chowdhury*

[The declining trend of COVID-19 infection in India has made healthcare personnel (HCP) and general public lenient about personal-protective-measures.]

## 28 Review Articles

The Resumption and Management of Bariatric surgical Procedures and Postoperative Care during COVID-19 — A Single Surgeon Experience from India — *Hetal Patolia, Sanjay Patolia*

[The Novel Coronavirus Disease 2019 (COVID-19) pandemic has hampered the bariatric surgery, the only effective option for patients with obesity with or without comorbidities, worldwide.]

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Chemoprophylaxis in Covid-19 — Where Do We Stand Today?

— *Chiranjib Bagchi, Biswajit Majumder*

[Till December 16th, 2020, World has witnessed 72,196,732 confirmed cases of COVID-19 including 1,630,521 deaths, reported to WHO.]

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Potential Health Benefits of Fruits and Vegetables : Epic In spite Glycemia

— *Lovely Gupta, Priti Rishi Lal, S V Suma, Gagan Goel,*

*Anjalee Sharma, Deepak Khandelwal*

[Fruits and vegetables are richest source of micronutrients among all the food groups. Many persons with diabetes assume that most fruits and vegetables should be restricted for them.]

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## The Abdominal Wall Closure - What Do We Know So Far? — *Anirudh M, Senthil Raj S, Bitan Kumar Chattopadhyay*

[Gone are the days when the abdominal wall was just a barrier beyond which the surgeon worked; the intimate understanding of the abdominal wall is a pre-requisite for every surgeon, both in closure of laparotomy wounds and in minimal access surgery of the abdominal wall unit itself. This article reviews the basic concepts of the abdominal wall, and the various methods of closure available to the current surgeon; a ready-reckoner of what we know so far.]

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## Case Reports

### Emergency Surgery on Patients Receiving Dual Antiplatelet Therapy — Review of a Challenging Surgical Problem — *Samik Kumar Bandyopadhyay, Sherif Fawzy, Muhammad Adil*

[Patients on Dual Antiplatelet therapy often suffer from surgical problems that necessitate urgent surgery. Platelet dysfunction induced by the medications exposes them to the risk of major perioperative haemorrhage.]

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### Lower Abdominal Parietal Tumours in the Puerperal Period — A Rare Etiology — *Shamita Chatterjee, Anirban Chatterjee*

[Parietal tumours developing in the lower abdominal wall in the puerperal period in post lower segment caesarean section women are rare and can be confused with organized hematoma, nodular fasciitis and scar endometriosis.]

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## Voice of Expert

### The Crisis — Concerns And Solutions — *Rajesh Upadhyay*

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## Pictorial CME

### Inferior Vena Cava syndrome in Hepatic Trauma and Pyogenic Liver Abscess — *Ashwani K Dalal, Usha Rani Dalal, Hari Kishan Rathi, Ravinder Kaur*

[Vena cava syndrome presents with features of central venous obstruction due to occlusion of superior or inferior vena cava. Clinically, SVC syndrome is well described whereas there are only few reports on IVC syndrome.]

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## Image in Medicine

### — *Bhoomi Angirish, Bhavin Jankharia*

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## Students Corner

### Become a Sherlock Holmes in ECG — *M Chenniappan*

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## Special Articles

### Wound Care and Nutrition — *Manmohan Kamat, Sabuj Bala, Sanjoy Kumar Dutta, Susant Mishra, B S Nagaprakash, Krishna Chaitanya Veligandla*

[Optimal nutritional status helps achieve better wound healing outcomes. Proteins, amino acids, carbohydrates, vitamins and minerals are beneficial in wound recovery. Adequate water intake is necessary for perfusion and oxygenation of healthy and healing tissues.]



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New Modalities and challenges in diabetic foot Management — *Milind Ruke, Anup Sharma, Ramananda Saikia, Triloc Chand Agrawal, Rajendra Kumar Maskara, Manoj D Togale, Rahul Rathod, Seetharam V*  
[Management of diabetic foot ulcer is critical and a multidisciplinary approach. New investigative modalities for diagnosis of diabetic foot ulcer include biothesiometer, hand held Doppler...]

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Recent Advances in Wound Management — *Sudipta Chatterjee, Aditya Parakh, G Mahesh Babu, M Lopamudra, Pritin Kumar Bera, Rajkamal Jenav, Sudipta Mallick, Umsha C, Anup Petare*  
[Modern dressings and adjunctive therapies have been developed to provide a healthy wound environment for prompt recovery of wounds and decrease patient morbidity.]

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Pressure Ulcers Simple Way of Management — *Shibani Kumar Sen, Binayak Mishra, G Raja Manohar Reddy, Harsh Vardhan Rai, Krishnamurthy G, Nilesh Tulaskar, Rajesh S, Krishna Chaitanya Veligandla*  
[Pressure ulcer is a localized injury to the skin and/or underlying tissue usually over a bony prominence as a result of pressure, or pressure in combination with shear and/or friction. Prevention in high-risk patients is the key step in the management of pressure ulcer.]

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Management of Non-healing Wounds : A Simple Practical Approach — *Paresh Pai, Debabrata Kundu, Prem Prakash, Seshaiyah Nimmala, Pramod G, Sivakumar A, Sachin Gupta, Anup Uttam Petare*  
[Non-healing ulcers do not heal or improve after 3-4 weeks of treatment. Ulcers may not heal on account of local, focal or systemic factors.]

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Lower Limb Injuries — *Soumen Das, Arunprasath A, Bhabani Sankar Bal, K R Bhagwan, Lalit Chaudhary, Prafull Reddy, Rajeev Kumar Johri, Rajesh Kannaiah, Tejeswar Rao B, Rahul Rathod*  
[Advanced trauma life support protocol is recommended for evaluating the injury in lower limb. Injury severity scoring determines the need of primary amputation.]

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Wound Care in COVID-19 — *Akshya Kumar Rout, Al Hilal Chaudhary, Anupam Kumar Mittal, Arunprasath A, Devidas Kanwate, Patnam Phani Mahesh Reddy, Seetharam V, Vinod Kumar Mudgal, Anup Uttam Petare, Rajesh Kannaiah*  
[Wound Care is very important in this COVID-19 pandemic. The factors associated with poor prognosis from COVID-19 which increase the risk for chronic wounds are older age, hypertension, chronic lung disease, diabetes and obesity.]

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Management of Anorectal Wounds — *Kushal Mittal, Ajit Bora, Atul Setha, B. Patel, D D Chavan, Prasanna Kumar Pelleti, Syed Asid Shararooni, Rahul Rathod*  
[Several challenges are associated with the wound care in anal region. Diversion, drainage, and washout are important aspects of management of rectal trauma.]

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