



# WEST INDIAN MEDICAL JOURNAL

Vol 69, No. 7: 461–534

Issue 7, 2022

ISSN 2309-5830

WIMJAD

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- 464 **Expression of Serum Vascular Endothelial Growth Factor and Angiopoietin Receptor Tie-2 in Essential Hypertension**  
AK Filiz, E Ozdemir, H Gunes, MB Yılmaz  
*In this study, we aimed to investigate the serum levels of vascular endothelial growth factor (VEGF) and angiopoietin receptor Tie-2 in patient with essential hypertension. A total of 90 individuals were included. The data indicate that serum levels of VEGF and Tie-2 receptor may be related to the primer hypertension.*
- 471 **Aerobic and Resistance Exercises Modulate Fibroblast Growth Factor-21 Level in Menopause Women with Type II Diabetes**  
P Farzanegi  
*In this study, aerobic and resistance exercises lead to increase of serum FGF21 levels in menopausal women with type II diabetes mellitus. Increased FGF21 level mediates beneficial effects*

*of aerobic and resistance exercises on glucose and lipid metabolism in these patients.*

- 478 **Association of Intermittent and Continuous Hypoxaemia with Carotid and Brachial Arterial Intima-Media Thicknesses**  
S Asker, M Asker, M Ozgokce, B Ozbay  
*In this report, we investigated whether or not the effect of intermittent and continuous hypoxia on carotid and brachial artery intima-media thicknesses (IMTs) is similar. We showed that both intermittent and continuous hypoxia result in remarkable alterations in carotid-IMT and brachial-IMT.*
- 483 **Diabetic Hyperglycaemia Protects Smooth Muscle Arterial Cells but Not Macrophages and Endothelial Cells from the Cytotoxic Effects of 7-Ketocholesterol: An *In Vitro* Study**  
JC Erustes, CRS Carneiro, GM Favero  
*In the study reported, macrophages, smooth muscle and endothelial arterial cells were challenged against different concentrations of 7-ketocholesterol in normoglycemic and high glucose conditions. The hyperglycaemic medium protects only smooth muscle artery cells against the cytotoxic effects of 7-ketocholesterol.*

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- 488 Malignancy and Pulmonary Thromboembolism: Comparison of Symptomatic Cases with the Incidental Ones**  
S Argun Baris, T Onyilmaz, S Gumustas, HI Ada, D Cabuk, I Basyigit, H Boyaci, F Yildiz  
*The widespread use of computed tomography in oncology patients undergoing routine cancer staging scans resulted in increased incidental pulmonary embolism. The aim of this study was to compare the symptomatic and incidental pulmonary emboli cases in the oncologic patients sampled for this study.*
- 494 The Role of FLT3-ITD and CCAAT-Enhancer-Binding Protein  $\alpha$  Mutations on Prognosis of Acute Lymphoblastic Leukaemia in Turkish Patients**  
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*In this article, we evaluated the prognostic value of FLT3-ITD and CCAAT-enhancer-binding protein  $\alpha$  (CEBPA) mutations in acute lymphoblastic leukaemia. We did not detect any relationship between FLT3-ITD and CEBPA mutations as prognostic factors. However, FLT3-ITD mutation may affect the response to chemotherapy.*
- 499 A Significant Association in Paediatric Emergency Department, Cerebral Sinovenous Thrombosis and Ulcerative Colitis: Review of Literature**  
M Acikgoz, A Guzel, K Aslan, F Korkmaz, E Yaman, C Albayrak, D Albayrak  
*In this study, we investigated the risk factors, clinical and laboratory findings, treatment and prognosis of cerebral sinovenous thrombosis (CSV T)—an important contributor to morbidity and mortality, associated with the progression of ulcerative colitis (UC) during childhood. The study inferred that CSV T should be considered in paediatric patients with a prior diagnosis of UC and presenting with symptoms of emesis, headache, and mood changes and particularly seizures.*
- 509 Neutrophil–lymphocyte Ratio: Predictor of High-grade Dysplasia in Colorectal Polyp**  
T Solakoglu, H Koseoglu, M Akar, SO Sarı, YH Polat, E Akın, A Demirezer Bolat, O Tayfur, Yurekli, S Buyukasik, O Ersoy  
*To date, the relationship between high-grade dysplasia and neutrophil–lymphocyte ratio, which was an inflammation index in patients with neoplastic colorectal polyps, has not been evaluated. Neutrophil–lymphocyte ratio, which is a simple non-invasive index, can predict high-grade dysplasia and neoplastic polyp.*
- 515 Predictive Value of Neutrophil-to-Lymphocyte Ratio for Differentiating Organic Dyspepsia from Functional Dyspepsia**  
H Köseoğlu, SO Sarı, M Akar, T Solakoğlu, ÖT Yurekli, AD Bolat, NŞ Büyükaşık, O Ersoy  
*This study evaluated the neutrophil/lymphocyte ratio for differentiating organic dyspepsia from functional dyspepsia, and found that neutrophil/lymphocyte ratio was higher in organic dyspepsia patients. Even higher levels were detected in patients with gastric cancer, compared with peptic ulcer disease.*
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- 530 Human T-cell Lymphotropic Virus and Adult T-cell Leukaemia/Lymphoma: Case Report and Literature Review**  
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