



WEST INDIAN MEDICAL JOURNAL

Vol 63, No. 5: 399 – 557

September, 2014

ISSN 0043-3144 WIMJAD

399 EDITORIAL

Ethical Issues Surrounding Body Integrity and Research

D Aarons

ORIGINAL ARTICLES

401 Antihistamine Effect of a Pure Bioactive Compound Isolated from Slug (*Diplosolenodes occidentalis*) Material

AS Jacob, OR Simon, D Wheatle, P Ruddock, K McCook

It is possible that glyceryl trilinolenate, a pure bioactive compound isolated from crude slug extract, can be used therapeutically to produce tracheal smooth muscle relaxation in individuals presenting with atopic asthma.

408 Comparative *In Vitro* Study on the Antioxidant and Anti-acetylcholinesterase Properties of Aerial Parts of *Strophanthus preusii* Engl & Pax

OA Adaramoye, A Olajuyin

*The leaves and root of *Strophanthus preusii* have natural antioxidant and anti-acetylcholinesterasic activities which could justify their traditional use in the management of stress-related diseases and as an adjuvant in the treatment of cognitive diseases such as Alzheimer's disease.*

416 Hypertension and Diabetes Prevalence in Older Persons in Jamaica, 2012

K Mitchell-Fearon, N Waldron, K James, H Laws, D Holder-Nevins, D Eldemire-Shearer

The prevalence of non-communicable diseases (NCDs) including diabetes and hypertension in the older Jamaican population has significantly increased over the last 20 years. Immediate, short-term activities that target the individual are necessary if NCDs are to be prevented and/or be properly controlled.

424 Ischaemic Heart Disease at the University Hospital of the West Indies: Trends in Hospital Admissions and Inpatient Mortality Rates 2005–2010

KA Mani, M Hoo Sang, NO Younger-Coleman, TS Ferguson

Ischaemic heart disease accounted for 12.1% of medical admissions at the University Hospital of the West Indies for the years 2005–2010. Inpatient mortality rate for acute myocardial infarction was 18.9%.

431 Sharp Force Injuries at the University Hospital of the West Indies, Kingston, Jamaica: A Seventeen-year Autopsy Review

A Neblett, NP Williams

Fatal cases of penetrating injuries are most often stab wounds, are more common in young men and constitute a drain on scarce resources. Autopsy documentation of

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injuries at the University Hospital of the West Indies requires improvement and synoptic reporting may be of value.

436 Urinary Angiotensinogen as a Potential Biomarker of Intrarenal Renin-angiotensin System Activity in Chinese Patients with Chronic Kidney Disease

Z Xu, B Xu, C Xu

Urinary angiotensinogen might be a potential biomarker of intrarenal angiotensin II activity in patients with chronic kidney disease.

443 The Prevalence of Asthma in an Adult Population in Khorramabad, Iran

A Amiri, S Asadi, V Almasi, A Ghobadi

The prevalence of asthma in Khorramabad in our study was more than in similar studies in Iran and other countries. Doing analytical studies on the prevalence of asthma and its risk factors is recommended.

447 Outcomes and Health-related Quality of Life following Intensive Care Unit Stay in Barbados

TT Semei-Spencer, S Kinthala, M Fakoory, P Gaskin, S Hariharan, YK Areti

There is an inverse correlation between Short Form 36 scores and acute physiology and chronic health evaluation (APACHE) IV score. The health-related quality of life, 90 days after the patients were discharged from the intensive care unit, is average or above average in the majority of the patients.

454 The Economic Burden of Femoral Neck Fractures in Jamaica

KD Vaughan, C Gordon, G Ducasse, S Williams

As the world's population ages, the incidence of femoral neck fractures will rise. The cost of treating such fractures poses a significant challenge to most countries. Jamaica's cost is similar to that of other developing countries.

460 Total Lymphocyte Count and Haemoglobin Concentration Combined as a Surrogate Marker for Initiating Highly Active Antiretroviral Therapy in a Resource-limited Setting as against CD₄ Cell Count

AC Dhamangaonkar, A Mathew, AR Pazare

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Microform: The Journal is available in microform from Bell and Howell Information and Learning.

Abstracting and Indexing: The Journal is currently included in major abstracting and indexing services.

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THE EDITOR-IN-CHIEF, MAILING ADDRESS: West Indian Medical Journal, Faculty of Medical Sciences, The University of the West Indies, Kingston 7, Jamaica

Webpage: <http://myspot.mona.uwi.edu/fms/wimj/>, www.scielo.org

E-mail: wimj@uwimona.edu.jm

Telephone: (876) 927-1214 **Fax:** (876) 927-1846

ANNUAL SUBSCRIPTION: Overseas US\$175.00

Jamaica J\$9500.00

West Indian Medical Journal

Published by the Faculties of Medical Sciences, The University of the West Indies, Mona, Jamaica,
St Augustine, Trinidad and Tobago and Cave Hill, Barbados

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Adding haemoglobin to total lymphocyte count improves the sensitivity of the marker to predict CD₄ count < 200/mm³, thus ensuring initiation of highly active anti-retroviral therapy and thereby reducing investigational costs.

465 Normal Ranges for Acute Phase Reactants (Interleukin-6, Tumour Necrosis Factor-alpha and C-reactive Protein) in Umbilical Cord Blood of Healthy Term Neonates at the Mount Hope Women's Hospital, Trinidad

A Khan, Z Ali

A prospective study was conducted on 162 umbilical cord blood samples of healthy term neonates at the Mount Hope Women's Hospital in Trinidad to determine reference values for interleukin-6, tumour necrosis factor-alpha and C-reactive protein.

470 The Evaluation of the Effects of Paternal and Maternal Silent Coeliac Disease on Birthweight and Gestational Age in Newborns

H Kahveci, MI Turan, A Cayir, F Laloglu, V Ertekin, Z Orbak

Silent coeliac disease may occur in parents especially in mothers of preterm and small gestational age infants, even in the absence of apparent clinical indications.

474 A Comparative Survey of Pacemaker Implantation in Trinidad and Tobago in 2005 and 2009

R Henry, T Dookie, E Primus

This study compares the cardiac pacemaker implantation rates in Trinidad and Tobago in 2005 and 2009 and examines the rate of implantation compared to the gross domestic product (GDP) of Trinidad and Tobago and other countries.

479 The Use of Analgesic Drugs in Patients with Sickle Cell Painful Crisis

I Boyd, M Gossell-Williams, MG Lee

Painful crisis in patients with sickle cell anaemia is associated with severe pain in 75% and most will require second-line therapy for adequate resolution. Physicians need to provide adequate pain relief to decrease morbidity in these patients.

484 About the Foreskin: Parents' Perceptions and Misconceptions

AS Cooblal, B Rampersad

The results of this study highlight that there is a lot of misunderstanding and ignorance of the facts relating to the function of the foreskin in children. There is an obvious need for better parent education.

DENTAL FORUM

490 A Cross-sectional Study of Patients' Satisfaction with Dental Care Facilities: A Survey of Adult Treatment at the University of the West Indies, School of Dentistry

RL Balkaran, T Osoba, R Rafeek

The levels of satisfaction with the dental care at the University of the West Indies School of Dentistry were measured using the dental satisfaction questionnaire developed by Davies and Ware (1982). High levels of overall satisfaction with dental care were found at this facility.

499 Dental Erosion and Medical Conditions: An Overview of Aetiology, Diagnosis and Management

A Paryag, R Rafeek

Erosion is considered to be the most prevalent cause of tooth wear, and underlying medical problems can contribute to erosion. Patients may not be aware of these conditions and medical and dental practitioners need to recognize this early and manage patients appropriately.

503 Measurement of the Interantral Bone in Implant Dentistry Using Panoramic Radiography and Cone Beam Computed Tomography: A Human Radiographic Study

D Kopecka, A Simunek, J Streblov, R Slezak, L Capek

Panoramic radiography is a sufficiently accurate method for interantral bone height imaging at the incisor area, but not the canine area.

VIEWPOINT

510 Issues with Consent in Stroke Patients

JP Mamo

Consent in stroke management may be required for treatment, intervention or for research reasons. Stroke patients may be prone to impulsive decision-making in real life and this may negatively impact on consent decisions made by the patient.

CASE REPORTS

514 Metastatic Lung Cancer Presenting as Thoracic Empyema in an Old Patient

Y-M Tsai, Y-C Lin, T-W Huang, H Chang

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