



# WEST INDIAN MEDICAL JOURNAL

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## 849 EDITORIAL

### Biosimilars in the Caribbean – Key Considerations

S Dawkins Cox

## 853 ORIGINAL ARTICLES

### Effect of *Gongronema latifolium* Ethanol Leaf Extract on Gastric Acid Secretion and Cytoprotection in Streptozotocin-induced Diabetic Rats

DU Owu, CR Nwokocha, AO Obembe, AD Essien, DE Ikpi, EE Osim

*Gongronema latifolium* leaves have been used to manage diabetic symptoms and alleviate dyspepsia. The leaves of *Gongronema latifolium* increase gastric acid output and prevent gastric ulcer in diabetic rats.

### 861 The Antimicrobial Screening of a Barbadian Medicinal Plant with Indications for Use in the Treatment of Diabetic Wound Infections

S Carrington, DH Cohall, M Gossell-Williams, JF Lindo

*This article highlights the investigation of the antimicrobial activity of the plant Justicia secunda, and it seeks to promote the need for further research efforts in the discovery of novel antimicrobial agents from medicinal plants.*

### 865 Total Laparoscopic Hysterectomy versus Vaginal Hysterectomy at the University Hospital of the West Indies: A 5-year Retrospective Study

V DaCosta, A McIntosh, S Wynter, J Harriott, L Christie, S Frederick-Johnston, M Bailey, J Frederick, C McKenzie

*There were no significant differences between the total laparoscopic hysterectomy (TLH) and vaginal hysterectomy (VH) groups in terms of intraoperative and postoperative complications. However, TLH was associated with significantly longer operative time and a trend toward a shorter hospital stay than VH.*

### 870 Endothelial Dysfunction in Primary Sjögren Syndrome

A Akyel, Y Tavit, C Yayla, A Tufan, A Kaya, ME Tezcan, MA Ozturk, B Boyaci

*In this study, we aimed to investigate endothelial functions in primary Sjögren syndrome. Although carotid intima-media thickness values were similar, flow mediated dilatation of the brachial artery was disrupted in patients with Sjögren syndrome compared to healthy controls.*

### 873 Prevalence of High-risk Sexual Behaviour in Jamaican Adults and Its Relationship to Socio-demographic and Religious Factors: Findings from the Jamaica Health and Lifestyle Survey 2007–2008

(Continued on inside front cover)

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ND Morgan, TS Ferguson, NOM Younger,  
MK Tulloch-Reid, DK Francis, SR McFarlane,  
A Grant, E Lewis-Fuller, RJ Wilks

*A third of Jamaicans report sexual practices that increase their risk of HIV infection. High-risk sexual behaviour was more common among men and younger persons, but was not infrequent among older persons. Being married, active religious practice and weekly attendance at religious meetings were associated with lower odds of high risk sexual behaviour.*

### 881 Nephropathy Following Type 2 Diabetes Mellitus in Tunisian Population

A Bouaziz, I Zidi, N Zidi, W Mnif, HT Zinelabidine

*This paper sought to determine the prevalence of nephropathy in Type 2 diabetic patients in Tunisia. Clinical and biochemical factors as well as chronic complications of the disease were determined in comparison to healthy subjects. Regular monitoring of Type 2 diabetic patients may help prevent or delay the onset of nephropathy.*

### 890 Alcohol Use and Associated Factors among Adolescent Students in Thailand

S Pengpid, K Peltzer

*The prevalence of alcohol misuse among adolescents in Thailand was 14.8%. Efforts to prevent and control alcohol misuse may need to address a cluster of risk behaviours including cigarette smoking.*

### 897 Validation of the Jamaican Maternal Sexual Role Modelling Questionnaire

MK Hutchinson, TK Smith, N Waldron, E Kahwa, HH Hewitt,  
PI Hamilton, S-Y Kang

*This paper describes the development and psychometric analysis of a culture-specific measure of maternal sexual role modelling that was developed by the authors for use with urban Jamaican female adolescents. Further research is needed to assess the reliability and validity of the instrument with other populations.*

### 903 Ultrasound Detected Asymptomatic Cholelithiasis: An Age-based Protocol for Management

W West, K James, D Brady-West

*Continued on Inside Back Cover*

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*Patients with cholelithiasis were reviewed with ultrasound for acute and chronic cholecystitis. Patients 60 years and younger were more likely to have cholecystitis than older patients.*

**907 Evaluation and Management of Hypertension in the Elderly**

AK Soyibo, EN Barton

*Screening for elevated blood pressure in the elderly is recommended, since the prevalence of hypertension increases with age, and can reduce the incidence of morbidity and mortality. A careful and individualized approach is needed when treating hypertension in the elderly, taking into account the presence of co-morbid diseases, drug interaction, side effects, lifestyle and functional state.*

**912 Keratinophilic Fungi Recovered from Feathers of Different Species of Birds in St Kitts and Nevis**

H Gugnani, S Sharma, B Gupta

*A study of keratinophilic fungi of feathers of 94 birds belonging to 12 species yielded 59 isolates of *Chrysosporium* (mainly *C indicum*, *C tropicum*), nine of *Sepedonium* spp and four isolates of the geophilic dermatophyte, *Microsporum gypseum*.*

**DENTAL FORUM**

**916 Emerging Applications of an Experimental Single Photon Emission Computed Tomography: An Analysis of 16 Areas of Interest in the Pig's Model**

C Ogunsalu, A Archibald, C Ezeokoli

*Single photon emission computed tomography is a unique imaging modality for the assessment of osteoblastic activity and osseointegration in any experimental or clinical situation. As such, new and emerging applications are being introduced for this novel technique.*

**VIEWPOINT**

**921 Getting to Zero: Male Circumcision for HIV Prevention in The Bahamas**

C George, D Brennen, R Roberts, A Rabie, S Read

*Male circumcision is an important strategy to reduce the transmission of HIV. There is a need to determine the prevalence of male circumcision and its acceptability among healthcare practitioners and the general population in The Bahamas.*

**CASE REPORTS**

**924 Another Small Supernumerary Marker Chromosome Derived from Chromosome 9 in a Klinefelter Patient**

T Gulten, O Gorukmez, O Gorukmez, M Karkucak, M Ture, T Yakut

**928 Coexistence of Glucocorticoid Resistance and Pseudohypoparathyroidism**

R Krysiak, A Kędzia, B Okopień

**932 A Reduced Grade of Liver Fibro-steatosis after Raltegravir, Maraviroc and Fosamprenavir in an HIV/HCV Co-infected Patient with Chronic Hepatitis, Cardiomyopathy, Intolerance to Nelfinavir and a Marked Increase of Serum Creatine Phosphokinase Levels Probably Related to Integrase Inhibitor Use**

A Degli Antoni, LE Weimer, R Manfredi, V Fragola, C Ferrari

**937 Marfan's Syndrome: Pre-pubertal Aortic Rupture with Left Coronary Artery Aneurysms and Fistulas**

S Williams-Phillips

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