



# WEST INDIAN MEDICAL JOURNAL

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**106 EDITORIAL**

**Colorectal Cancer**

DO Whittle, AK Soyibo

**ORIGINAL ARTICLES**

**107 The Effect of Combining Interferon- $\alpha$  and Gefitinib in Human Colon Cancer Cell Lines**

Li Yang, Fang Wang, Fang He, LiYa HUANG  
*Interferon- $\alpha$  promotes the antiproliferative effect of gefitinib on human colon cancer cell lines SW-480 and LOVO.*

**114 Dengue Virus Serotypes in Jamaica, 2003–2007**

MG Brown, RA Salas, IE Vickers, OD Heslop, MF Smikle  
*A study of the dengue viruses that were in circulation showed that all 4 serotypes were in circulation during 2003–2007 and the most prevalent were dengue serotypes 2 and 4.*

**120 Molecular Epidemiology of Dengue in Jamaica: Dengue Virus Genotypes in Jamaica, 2007**

MG Brown, RA Salas, IE Vickers, OD Heslop, MF Smikle  
*A study of dengue viruses that were in circulation in Jamaica in 2007 identified strains of DENV-1 genotype III, DENV-2 strains of the American, American-Asian and Asian genotypes while DENV-4 strains segregated into a separate clade from published reference sequences.*

**126 Dengue HLA Associations in Jamaicans**

MG Brown, RA Salas, IE Vickers, OD Heslop, MF Smikle

*The HLA dengue associations in Jamaicans differ from those found in other ethnic populations. While HLA-A \*24 and – DR $\beta$ 5\* 01/02 were associated with having dengue, HLA-A \*23, –CW\*04, –DQ $\beta$ \*02, DQ $\beta$ \*03 and –DQ $\beta$ \*06 were protective.*

**132 Effect of a Cholesterol Rich Diet, Recurrent Infection and Possible Treatment Modalities on the Pulmonary Vascular System: An Experimental Study**

O Ozbudak, IH Ozbudak, C Turkay, N Sahin, S Ozdem, M Turkay, G Ozbilim

*The study was designed to investigate the effects of infection and/or cholesterol rich diet combined with therapeutic and preventative agents such as antibiotic, anti-inflammatory agent and red wine on the pulmonary vascular system.*

**137 Poverty, Folate Deficiency, Human Immunodeficiency Virus and Ulcerated Vulval Sexually Transmitted Diseases in Jamaica**

H Fletcher, P Figueroa, A Brathwaite, T Hylton-Kong  
*Ulcerated sexually transmitted diseases rates in Jamaica are falling; this may be related to successful measures aimed at alleviating poverty and the decrease in HIV with high condom use.*

*(Continued on inside front cover)*

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WN Gibbs 1996–1999

Continued from front cover

#### 141 The Predictive Value of Urinary Vanillylmandelic Acid Testing in the Diagnosis of Pheochromocytoma at the University Hospital of the West Indies

SN Chin, MS Boyne, D McGrowder, TN Gibson, CA McKenzie

*Vanillylmandelic acid testing at the University Hospital of the West Indies has low positive predictive value, and special care must be taken in interpreting marginally elevated results. The use of assays with higher specificity (eg plasma or urinary metanephrines) may represent a more cost-effective approach to biochemical screening for pheochromocytoma.*

#### 148 Impact of Yoga on Haemodynamic Function in Healthy Medical Students

O Parshad, A Richards, M Asnani

*Yoga is a healing system of theory and practice, and is a combination of breathing exercises, physical postures, and meditation. Its practice, even for a short period, shows the capability to improve most of the cardiovascular functions in young healthy adults.*

#### 153 The Outcome of Febrile Neutropenic Episodes in Paediatric Oncology at the Wendy Fitzwilliam Paediatric Hospital

M Timothy, C Bodkyn

*This study aimed to determine the outcome of the febrile neutropenic episodes in the paediatric oncology population at one centre in Trinidad. A positive treatment outcome was achieved in 91% of the episodes.*

#### 158 Are Parents in Tune with Music Their Adolescent Children Enjoy? Are There Missed Opportunities for Sexual and Reproductive Health Dialogue?

D Holder-Neveins, K James, A Bailey, D Eldemire-Shearer

*Adolescents listen to and learn sexual and reproductive health themes from dancehall music whether or not parents have reservations to them doing so. These may subsequently influence sexual and reproductive health behaviour. Dancehall music provides opportunities for parents to initiate discussion of values pertaining to sexual and reproductive health.*

Continued on inside back cover

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Continued from inside front cover

- 165 The Jamaican Adolescent's Perspective on Violence and its Effects**  
A Bailey  
*A qualitative study of rural and urban based Jamaican adolescents' perspectives on violence, its impact on their attitudes and behaviours as well as their implications.*
- 172 Temporomandibular Joint Ankylosis in a Nigerian Teaching Hospital**  
SO Ajike, OO Omisakin  
*A retrospective study of temporomandibular joint ankylosis in a Nigerian Teaching Hospital is presented. There were 33 ankylosis from 26 patients (12 males and 14 females). The anaesthetic and surgical challenges in a resource poor environment are discussed.*
- 177 Compliance with Intramuscular Penicillin Prophylaxis in Children with Sickle Cell Disease in Jamaica**  
L King, S Ali, J Knight-Madden, M Moosang, M Reid  
*Intramuscular penicillin prophylaxis, despite commonly perceived challenges, is a practical option which can contribute to better patient compliance and thus significantly impact global rates of invasive pneumococcal disease and its complications in children with SCD and other similar conditions.*
- 181 Subjective Well-being of Adults with Homozygous Sickle Cell Disease in Jamaica**  
JA Thomas, GE Lipps  
*Advances in treatment of sickle cell disease have improved the prognosis for patients. As these patients are living longer, issues of subjective well-being become important. Past studies have mostly focussed on patients' negative life experiences. This study examines both patients' positive and negative experiences, as well as their satisfaction with life.*
- 188 Updates on Current Advances in Gene Therapy**  
J Tani, B Faustine, JT Sufian  
*Gene therapy is the attempt to treat diseases by means of genetic manipulation. Numerous challenges remain to be overcome before it becomes available as a safe and effective treatment option. This article discusses the commonly used techniques employed in gene therapy, and summarizes breakthroughs achieved so far in clinical applications of gene therapy.*
- 195 Factors Related to Obstetric Third and Fourth Degree Perineal Lacerations in a Jamaican Cohort**  
T Lewis, V DaCosta, J Harriott, S Wynter, L Christie, S Cawich  
*The two main factors related to severe obstetric perineal lacerations were babies weighing more than 3.5 kg and operative vaginal deliveries.*
- 199 Preparation for a Medical Mission to Jamaica – Pharmacy's Perspective**  
N Borja-Hart, SM Douglas, J Marino, A Garcia, P Anderson-Worts  
*This article is intended to assist other organizations planning to travel to Jamaica for a medical mission. We had the opportunity to send an interdisciplinary healthcare team to Jamaica over the last 9 years. This article aims to discuss medication ordering and preparation from our experiences.*
- 203 Epidemic Management: A Caribbean University's Response to the 2009 H1N1 Outbreak**  
B Anglin-Brown, J Mullings, K James  
*University settings represent prime opportunities for disease outbreaks. Effective strategies for successful outbreak management should focus on a multi-sector approach. Coordinated and integrated planning and action should include all levels of the university administration and the wider community.*
- 208 The Need for Gender Specific Tobacco Control Strategies: KAP Survey Findings on Environmental Tobacco Smoke Exposure among Women in the Reproductive Age Group**  
E Brown, S Maharaj, K James  
*Exposure to environmental tobacco smoke has well-established health risks. This study surveyed women in the reproductive age group to find out their knowledge, attitudes and practices with reference to exposure to environmental tobacco smoking and smoking in public and private spaces.*
- CASE REPORTS**
- 214 Acute Limb Ischaemia in a Septic Patient with Diabetic Ketoacidosis**  
R Alfred, R Wright-Pascoe
- 217 Acute Fulminant Myocarditis and the 2009 Pandemic Influenza A Virus (H1N1)**  
O Adedayo, N Iheonunekwu, D Jefferson
- 220 Challenges of Airway Management in a Patient with Temporomandibular Joint Ankylosis Complicating Forceps Delivery**  
SO Ajike, OO Omisakin, RI Mohammed, ET Adebayo

**223 Abdominal Pain: A Symptom of Levodopa End of Dose Wearing Off in Parkinson's Disease**  
AQ Rana, J Depradine

**225 Successful Treatment for a Case of Near-fatal Secondary Adrenal Insufficiency**  
Y Yanagawa, S Nishida, Y Takihata, H Miyawaki

**229 A Rare Case of Emphysematous Pyelonephritis within a Horseshoe Kidney**  
JA Brown, P Maharaj, O Khan, A Sinanan

**232 A 10-Year Unsuspected Lumbar Schwannoma: A Case Report**  
VM Santos, PVA Tubino, SC Santos, DBS Medeiros, EAM Damasceno

#### **DENTAL FORUM**

**235 Prevalence and Antimicrobial Susceptibility Pattern of Pathogens Isolated from Patients with Juvenile Periodontitis in Jamaica: A Prospective Multi-centre Study of 15 Cases over a 15-year Period**  
C Ogunsalu, H Daisley, PE Akpaka  
*The most frequent pathogens encountered in juvenile periodontitis were different from what has been previously documented by other authors. Antimicrobial treatment of juvenile periodontitis should be based on the result obtained from microbiological investigations.*

**240 Ameloblastoma in Jamaica – Predominantly Unicystic: Analysis of 47 Patients over a 16-year Period and a Case Report on Re-entry Cryosurgery as a New Modality of Treatment for the Prevention of Recurrence**

C Ogunsalu, W West, A Lewis, N Williams  
*In this analysis of ameloblastoma in Jamaica, it was found that most were unicystic histologically irrespective of whether they were unilocular or multilocular radiographically. Re-entry cryosurgery at six months for the prevention of recurrence is emphasised as a new modality of treatment.*

#### **LETTERS TO THE EDITOR**

**247 Proposal for Suicide Prevention in the United States Based on the Suicide Rates by Age Group in Recent Years**

K Inoue, T Fukunaga, Y Okazaki, Y Ono

**247 An Examination of Further Measures to Deal with Anxiety Disorders in the Elderly: A Review of the Literature Indicate the Importance of Such Measures in Japan**

K Inoue, T Fukunaga, Y Fujita, Y Okazaki