



# WEST INDIAN MEDICAL JOURNAL

Vol 56, No. 2: 105 – 197

March, 2007

ISSN 0043-3144 WIMJAD

**105 EDITORIAL**

**Research Ethics Committees: Preserving Research Integrity and the Public Trust**

AM Mullings

**ORIGINAL ARTICLES**

**108 Patient Satisfaction and Quality of Life among Persons Attending Chronic Disease Clinics in South Trinidad, West Indies**

C Joseph, S Nichols

*Patient satisfaction and quality of life among regular public clinic attendees were investigated. The findings suggest that satisfaction with clinic experiences, and number of illnesses were independently associated with quality of life.*

**115 A Knowledge, Attitudes and Practices Study of the Issues of Climate Change/Variability Impacts and Public Health in Trinidad and Tobago, and St Kitts and Nevis**

SC Rawlins, A Chen, JM Rawlins, DD Chadee, G Legall

*A survey was conducted in Trinidad and Tobago and in St Kitts and Nevis to determine the levels of understanding of the issues of climate variability/change affecting dengue fever (DF) and its transmission. Climate variability issues such as seasonal variation affecting DF and its vector production are well appreciated, but use of this information in an early warning programme to prevent DF transmission are not yet in use by the communities.*

**122 Effects of Depression and Anxiety on Quality of Life of Patients with Rheumatoid Arthritis, Knee Osteoarthritis and Fibromyalgia Syndrome**

A Ozcetin, S Ataoglu, E Kocer, S Yazici, O Yildiz, A Ataoglu, C Icmeli

*In this study, the effects of anxiety and depression on quality of life were measured in 154 patients suffering from rheumatoid arthritis, knee osteoarthritis and fibromyalgia syndrome. Quality of life was observed to decrease in patients whose depression and/or anxiety scores were high. The necessity of a multidisciplinary approach including psychiatric support is emphasized for these patients.*

**130 Antinuclear Antibodies and HLA Class II Alleles in Jamaican Patients with Systemic Lupus Erythematosus**

N Christian, MF Smikle, K DeCeulaer, L Daniels, MJ Walravens, EN Barton

*A cross-sectional study in which DNA HLA typing methods were used to investigate the associations between HLA and class II alleles and the presence of systemic lupus erythematosus and antinuclear antibodies (ANA) in Jamaicans. The HLA associations with ANA were similar to those found in other ethnic groups, but no significant positive HLA association with SLE was found.*

*(Continued on inside front cover)*

## EDITORIAL BOARD

### Chairman

HS Fraser

### Editor-in-Chief

EN Barton

### Associate Editors

C Escoffery

GD Nicholson

H Reid

R Roberts

### Assistant Editors

P Desai

PJ Ramphal

D Brady-West

MO Castillo-Rangel

### Deans

HS Fraser

AH McDonald

P Pitt-Miller

H Spencer

(Director, UWI Clinical Training Programme)

### Treasurer

E Robinson

T Alleyne, S Bandara, F Bennett, IW Crandon

LL Douglas, J Frederick, F Henry (CFNI),

J Hospedales (CAREC),

GC Lalor (ICENS)

EY St A Morrison

A Pearson, D Picou, GR Serjeant,

DT Simeon (CHRC), MF Smikle

### Editorial Advisory Board

B Bain, B Barnett, E Besterman, V Boodhoo

G Burkett, H Daisley, CE Denbow, LF Ferder

JP Figueroa, PR Fletcher, B Hanchard

N Kissoon, PN Levett

S Marshall-Burnett, TC Martin,

A McCaw-Binns, T Seaton

OR Simon, WH Swanston

AAE Verhagen, RJ Wilks, R Young

### PAST EDITORS

JL Stafford 1951–1955

JA Tulloch 1956–1960

D Gore 1961

CP Douglas 1962

D Gore 1963–1966

P Curzen 1967

RA Irvine 1967–1969

TVN Persaud 1970–1972

GAO Alleyne 1973–1975

V Persaud 1975–1995

D Raje 1995–1996

WN Gibbs 1996–1999

Continued from front cover

### 134 Sensitivity and Specificity of the Electrocardiogram in Predicting the Presence of Increased Left Ventricular Mass Index on the Echocardiogram in Afro-Caribbean Hypertensive Patients

TC Martin, YG Bhaskar, KV Umesh

*In an Afro-Caribbean population of 111 treated hypertensive patients, electrocardiographic left ventricular hypertrophy by any criterion was seen in 42% of patients and increased left ventricular mass index on echocardiogram was seen in 50% of patients. The sensitivity of various left ventricular scoring systems of the electrocardiogram for predicting increased left ventricular mass index was 3 to 31%, the specificity 80 to 96%. The echocardiogram may be the tool of choice for predicting cardiovascular risk in the hypertensive Afro-Caribbean patient.*

### 139 Characteristics, Treatment and Short-term Survival of Patients with Heart Failure in a Cardiology Private Practice in Jamaica

GR Lalljie, SE Lalljie

*A retrospective analysis of outpatients with heart failure revealed rates of angiotensin converting enzyme inhibitor and  $\beta$  blocker use similar to those achieved in recent randomized trials. Short-term survival was high.*

### 144 An Evaluation of the Intensive Care Unit Resources and Utilization in Trinidad

S Hariharan, D Chen, L Merritt-Charles, N Bobb, L De Freitas,

A Esdelle-Thomas, J Mohamed, D Charles, K Colley, E Renaud

*This prospective observational study evaluated the Intensive Care Units of three public and two private hospitals in Trinidad and Tobago with respect to their infrastructure, process of care and patient outcome.*

### 152 Childhood Sexual Abuse among Outpatients Attending Adult Psychiatric Outpatient Clinics: A Case-Control Study

NS Baboolal, S Lalla, M Chai, R Curtis, C Nandwani, L Olivier, C Smith

*This case control study examines the association between self-reported childhood sexual abuse (CSA) and psychopathology in patients seeking treatment at adult psychiatric outpatient clinics in Trinidad. Abused psychiatric outpatients were more likely to have reported an*

Continued on Inside Back Cover

### BUSINESS INFORMATION

**Copyright:** Material printed in the Journal is covered by copyright and may not be reproduced in whole or in part without the written permission of the Editor. Single photocopies may be made by individuals without obtaining prior permission.

**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.

**Correspondence** should be addressed to:

**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://www.mona.uwi.edu/fms/wimj/>

**e-mail:** [wimj@uwimona.edu.jm](mailto:wimj@uwimona.edu.jm)

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

**ANNUAL SUBSCRIPTION:** Overseas US\$150.00

Jamaica J\$8,900.00

West Indian Medical Journal

Published by the Faculty of Medical Sciences, The University of the West Indies, Mona, Jamaica,  
St Augustine, Trinidad and Tobago and School of Clinical Medicine and Research, Cave Hill, Barbados

*earlier onset of CSA, repeated episodes of CSA, vaginal and anal intercourse, and limited social support compared to abused controls.*

**159 Mammographic Referral Patterns for two Breast Imaging Units in Jamaica**

D Soares, K Kirlaw, P Johnson, M Reid

*Mammographic screening has been shown to reduce death rates from breast cancer, the leading cause of cancer deaths in Jamaican women. This paper explores differences in screening referral patterns in a rural versus urban setting in Jamaica.*

**163 Towards Research Equity – Challenges of Safety Monitoring During Clinical Trials in Resource-Limited Settings**

J Van den Broeck, AKL Robinson

*Difficulties with safety monitoring during clinical trials in less-industrialized countries have hampered global research equity. Re-discussion of objectives and methods of safety monitoring and adapted general clinical practice guidelines may contribute to greater participation of these countries in the clinical trials industry.*

**166 Congenital Toxoplasmosis in Two Health Institutions in Trinidad**

AA Adesiyun, R Gooding, K Ganta, N Seepersadsingh, S Ramsewak

*Serological evidence of congenital toxoplasmosis was demonstrated in the cord blood of newborns in Trinidad. The health risk to these children cannot be ignored.*

**171 Changing the Research Culture at the Section of Psychiatry, The University of the West Indies, Mona**

RC Gibson, KAD Morgan, WD Abel, FW Hickling

*A significant increase in research output followed the implementation of research meetings as well as team building and project management strategies, all aimed at strengthening research activities in a section of a university department.*

**CASE REPORTS**

**178 The Lungs in Tuberculous Sclerosis Complex**

NC Iheonunekwu, TM Ibrahim, BD Crosdale, RH Gangappa

**182 Insulinoma Induced Hypoglycaemia in a Jamaican Patient**

S Chin, V Popat, MS Boyne, C Cochran, M Tulloch-Reid

**187 Synchronous Carcinoid Tumour of the Small Intestine and Appendix in the Same Patient**

Y Erbil, U Barbaros, Y Kapran, BT Yanik, A Bozboru, S Özarmağan

**DENTAL FORUM**

**190 Periodontal Disease Severity and Systemic Diseases Prevalent in a Caribbean Catchment Area of Patients**

M Soory

*Patients attending King's College London, United Kingdom, were screened for periodontal disease and co-existing cardiovascular disease, diabetes mellitus, arthritis and a smoking habit. A significant proportion of patients with severe periodontal disease had co-existing systemic disease and were smokers.*

**194 Forthcoming Meetings**

**195 Instructions to Authors**