



WEST INDIAN MEDICAL JOURNAL

Vol 68, No. 1: 1-74

Issue 1, 2019

ISSN 2309-5830

WIMJAD

ORIGINAL ARTICLES

- 1 The Thickness of Epicardial Adipose Tissue Adjacent to the Right Coronary Artery Predicts Recurrence of Atrial Fibrillation After Cryoballoon Ablation: A Simpler Method**
NS Yelgeç, S Şahin, AT Alper
This study investigated the importance of epicardial fat-tissue round the right coronary artery, highly sensitive C-reactive protein and left atrial volume index on recurrence of atrial fibrillation after cryoballoon ablation.
- 7 Cytotoxic T Lymphocyte-associated Antigen 4 Polymorphisms Correlated with Graves' Disease in Patients of Han Ethnicity in Yunnan, China**
YP Wang, BK Peng, LQ Zhu, XC Weng, Y Wang, Z Tang
This study aimed to investigate the correlations between polymorphisms at position 49 in exon 1 and position 318 in the promoter of the cytotoxic T lymphocyte-associated antigen 4 gene and autoimmune thyroid diseases in a Han Chinese population. This had not been reported before.
- 13 Effect of Hydro-alcoholic Extract from *Prosopis Farcta* Leaves on Liver Injury Caused by High-fat Diet in Rats**
MR Hajinezhad, M Rasekh
The hydro-alcoholic extract of the leaves of Prosopis farcta was evaluated for hepatoprotective and antioxidant activities in rats submitted to a high-fat diet. Oral administration of extract of Prosopis farcta leaves resulted in significant amelioration of the altered indices.
- 20 Construction of a Low-cost Homemade Laparoscopic Simulator for Use in a Caribbean Setting**
S Persaud, I Hosein, D Dan, PS Griffith
Training in laparoscopic surgery is essential for today's surgical residents, but surgical simulators are costly. This article described the construction of a cheap, easy-to-assemble laparoscopic simulator which is suitable for use in training Caribbean residents in laparoscopic surgery.
- 24 Reduced Frequency of Bone Pain Crises in Patients with Sickle Cell Disease Given an Angiotensin-converting Enzyme Inhibitor**
OJ Egesie, CS Raphael, SU Uguru, BN Okeahialam

EDITORIAL BOARD

Chairman

P Adams

Editor-in-Chief (Acting)

RJ Wilks

Associate Editors

D Cohall

T Ferguson

DT Gilbert

G Hutchinson

R Pierre

Assistant Editors

MO Castillo-Rangel

A Levy

D Soares

H Trotman

Deans

T Paul

T Seemungal

*R Roberts (Director, UWI School of Clinical Medicine and Research
– The Bahamas)*

Treasurer (Acting)

H Pearce

Editorial Board

T Alleyne

P Brown

C Christie-Samuels

N Duncan

J Hospedales (CARPHA)

T Jones

R Melbourne-Chambers

A Nicholson

J Plummer

C Rattray

T Richards

DT Simeon

MF Smikle

S Weaver

Editorial Advisory Board

G Burkett

C Escoffery

N Kissoon

M Lee

C Ogunsalu

A Ojo

D Oshi

M Samms-Vaughan

GR Serjeant

M Voutchkov

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

EN Barton 1999–2019

BUSINESS INFORMATION

Copyright: © West Indian Medical Journal 2019. Articles are published in open access under a Creative Commons Attribution International licence (CC BY). For more information, please visit https://creativecommons.org/licenses/by/4.0/deed.en_US.

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, West Indian Medical Journal, Faculty of Medical Sciences, The University of the West Indies, Mona, Kingston 7, Jamaica, West Indies

West Indian Medical Journal (open access): wimj@uwimona.edu.jm; www.mona.uwi.edu/fms/wimj

WIMJ Open (open access): wimjopen@uwimona.edu.jm; www.mona.uwi.edu/wimjopen

Telephone: +1 (876) 927-1214. **Fax:** +1 (876) 927-1846.

Bone pain is a chronic debilitating feature of sickle cell disease requiring opioid analgesia with a risk of addiction. Angiotensin-converting enzyme inhibition whose benefit was previously reported in the West Indies was tried in a Nigerian cohort and was found to be encouraging.

29 Self-reported Hearing Loss Associated with Frailty among Afro-Caribbeans

MI Naharci, G Engstrom, C Keintz, A Danesh, R Tappen, JG Ouslander

This paper investigated the relationship between self-reported hearing loss and frailty in four ethnic groups. Self-reported hearing loss was found to be associated with frailty among Afro-Caribbeans, and this association was largely due to the frailty criterion of exhaustion.

35 Severity and Outcomes in Association with Known Exposures and Susceptibilities among Afro-Caribbean Patients with Hospital-acquired Acute Kidney Injury

KK Hoe, EN Barton, TL Han, TH Hoe

This study demonstrates the influence of exposures and susceptibilities on the severity and outcomes of hospital-acquired acute kidney injury.

47 Tracking Medical Graduates in Jamaica and The Bahamas

T McCartney, MG Lee, R Roberts, C SinQuee

In Jamaica and The Bahamas, there were 1079 medical graduates between 2012 and 2016; 69% of them were female. All graduates obtained internship posts, mainly in public hospitals. Of the 2259 applicants, 664 were accepted to postgraduate programmes. Seventy per cent of all graduates were working in the English-speaking Caribbean.

VIEWPOINT

53 Old Herb, 'New' Purpose: A Preliminary Analysis of Marijuana as a Medicine in Barbados

DH Cohall, A Griffith

This article analysed the potential of Cannabis sativa as a medicine in Barbados.

REVIEW

59 Reflection and Updates: Cardiopulmonary Resuscitation – Guidelines 2015 – Contribution to Nursing

RC Machado, RSL Moreira, CLF Albuquerque, SA Oliveira

This is a synthesis of the new guidelines on the care of cardiac arrest, with key updates based on the best scientific evidence, to facilitate better-quality cardiopulmonary resuscitation among health professionals.

CASE REPORTS

64 Bilateral Ovarian Collision Tumours: Serous Carcinomas and Fibrothecomas

T Ivković-Kapicl, B Andrejić-Višnjić, A Mandić

68 Inflamed Appendix in an Incarcerated Femoral Hernia

G Igrutinović, A Jakovljević, S Dimić, Z Elek, S Milosavljević

71 Locally Advanced Staged Juvenile Nasopharyngeal Angiofibroma Treated with Endoscopic Endonasal Approach and Angio-embolization at a Tertiary Institution in Jamaica

P Brown, A Mitchell-Daley, G Channer, P Johnson