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EDITORIAL

- 685 The Alarming Increase of Diabetes in Bermuda**
D Parris

ORIGINAL ARTICLES

- 687 Exploration of the Genetic Epidemiology of Asthma: A Review, with a Focus on Prevalence in Children and Adolescents in the Caribbean**
A Mohan, AJ Roberto, BC Whitehill, A Mohan, A Kumar
The authors address and review the literature and findings regarding the epidemiology and genetic factors involved in the pathogenesis of asthma, with an included focus on the epidemiology and prevalence of this debilitating condition in the child and adolescent Caribbean population.
- 693 The Incidence of Cardiac Lesions among Children with Down's Syndrome in Jamaica – A Prospective Study**
C Scott, M Thame
The incidence of Down's syndrome in Jamaica is similar to the reported international experience. The distribution of cardiac malformations is similar to other countries, except for the higher incidence of congenital heart disease and a higher incidence of combined lesions.

- 698 Comparison of Cerebral Oximeter and Pulse Oximeter Values in the First 72 Hours in Premature, Asphyctic and Healthy Newborns**
A Kaya, M Okur, E Sal, E Peker, M Köstü, O Tuncer, E Kirimi

Cerebral oximeter is a promising modality in the bedside monitoring in neonatal intensive care units. It is complementary to pulse oximeter and may be used routinely in neonatal intensive care units.

- 703 Systems for Paediatric Sepsis: A Global Survey**
KT Kang, HK Chandler, V Espinosa, N Kissoon
Even among centres with no significant resource constraints and advanced medical systems, significant deficits in sepsis care exist. Early recognition and management remain a key issue and may be addressed through improved triage, augmented support for referring centres and public awareness.

- 711 Clinical Factors Associated with Morbidity and Mortality in Patients Admitted with Sickle Cell Disease**
K Galloway-Blake, M Reid, C Walters, J Jaggon, MG Lee
Sickle cell disease still carries a high morbidity and mortality in patients admitted to hospital. Recurrent admissions are a concern, as this impact on patient's morbidity and quality of life.

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717 Cutaneous Malignant Melanoma in Jamaica, 1958 to 2007

CG Liburd, TN Gibson, B Hanchard, N Waugh, D McNaughton

In Jamaica, cutaneous malignant melanoma is commoner in females, but the incidence is low in both genders. The commonest anatomical site is the lower limb, particularly the foot. These findings are in keeping with those documented in other Black populations.

721 Effects of Preoperative Clarithromycin Administration in Patients with Nasal Polyposis

A Perić, N Baletić, M Milojević, J Sotirović, L Živić, AV Perić, D Vojvodić

Macrolide antibiotics are known to have anti-inflammatory and immunomodulatory effects in treatment of chronic rhinosinusitis and nasal polyposis. In this prospective study, we investigated the effects of pre-operative long-term, low-dose clarithromycin use on symptoms and endoscopic findings in patients with nasal polyposis.

728 Ultrasonographic Measurement of the Femoral Cartilage Thickness in Patients with Behçet's Disease

I Batmaz, M Kara, T Tiftik, M Yıldız, R Çevik, L Özçakar

In this study, the femoral cartilage thickness of patients with Behçet's disease (BD) was evaluated and it was found that the cartilage was thinner in patients with BD and that arthritis seems to be associated with this decrease.

732 Satisfaction Level of New Mothers with Prenatal Care and the Healthcare Professionals Who Provide It

MD Pozo-Cano, RF Castillo, J Francisco Guillen, J Florido, I García García

Prenatal care is a key strategy to reduce maternal mortality. Therefore, it is important to ascertain the level of satisfaction of new mothers with their pregnancy monitoring and with the medical professionals who provided prenatal care.

739 Physicians' Knowledge of Cardiopulmonary Resuscitation Guidelines and Current Certification Status at the University Hospital of the West Indies, Jamaica

P Howell, I Tennant, R Augier, G Gordon-Strachan, H Harding-Goldson

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Physician knowledge of cardiopulmonary resuscitation (CPR) protocols was suboptimal and current certification levels were low at the University Hospital of the West Indies. Increased training and recertification is necessary to improve physician knowledge, which is expected to result in improved performance of CPR.

744 3Ps – Pharmacist, Physician and Patient: Proposal for Joint Cooperation to Increase Adherence to Medication

M Leppée, J Culig, K Mandic, M Eric

Older people receive medications for chronic diseases and therefore adherence is an important health and economic concern. Enhancing communication between the physician, the pharmacist and the patient is key in boosting the patient's ability to follow a medication regimen and thus improve adherence to medication.

DENTAL FORUM

752 Sociodemographic, Socio-economic, Clinical and Behavioural Factors Modifying Experience and Prevalence of Dental Caries in the Permanent Dentition

MS Herrera, CE Medina-Solis, H Islas-Granillo, E Lara-Carrillo, RJ Scougall-Vilchis, M Escoffié-Ramírez, R De la Rosa-Santillana, L Avila-Burgos

Dental caries is a public dental health problem worldwide. In this study, factors associated with caries were older age, female gender, those from large families, mothers with positive dental attitude, presence of plaque, and whether or not schoolchildren received dental care.

758 Salivary Parameters (Salivary Flow, pH and Buffering Capacity) in Stimulated Saliva of Mexican Elders 60 Years Old and Older

H Islas-Granillo, SA Borges-Yañez, CE Medina-Solís, CA Galan-Vidal, JJ Navarrete-Hernández, M Escoffié-Ramírez, G Maupomé

Chewing-stimulated saliva (paraffin method) was collected and the salivary flow rate, pH and buffer capacity were measured in a group of Mexican elders. We found that salivary parameters varied in relation to selected socio-economic, clinical and behavioural variables.

VIEWPOINT

766 Cancer Treatment: The Cost Factor

S Smith

The incidence of cancer has risen in the Caribbean, and so has the cost of treating this disease. The author examines colon cancer and the cost of caring for patients with this.

771 A Review of Pharmacovigilance

JE Campbell, M Gossell-Williams, MG Lee

Spontaneous reporting of adverse drug reactions (ADRs) is an essential component of pharmacovigilance, but the safe and appropriate use of drugs is limited by under-

reporting of ADRs. Knowledge of pharmacovigilance could form the basis for interventions aimed at improving reporting rates.

CASE REPORTS

775 Conservative Management of Keratocystic Odontogenic Tumour with Enucleation, Excision of the Overlying Mucosa and Electrocauterization – A Case Report

A Gambhir, G Rani

779 A Simplified HAART Regimen with Raltegravir and Lamivudine, and Pharmacokinetic Interactions with a Combined Immunosuppressive Therapy with Tacrolimus and Everolimus in an HIV/HCV/HBV/HDV Patient after Liver Transplantation

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785 Long-term Maraviroc Therapy and Limited Side Effects in an HIV-1 Experienced Patient: Six Years of Antiretroviral Observation

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788 A Case of Tuberculous Meningitis with Atypical Multiple Lesions

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791 Three Overlapping Balloon-expandable Stents Applied in Coeliac Artery Dissection: Case Report and Literature Review

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793 Compound Odontoma: Differential Diagnosis and Review of the Literature

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812 Right Ovarian Mucinous Cystadenoma Coexisting with an Incidental Left Ovarian Haemangioma in a Postmenopausal Patient

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814 Can Chronic Consumption of Noni (*Morinda citrifolia*) Juice Lead to Changes in the Coagulation Profile, Deranged Liver Function and Excessive Intraoperative Haemorrhage?

MM Panditrao, MM Panditrao, F Edghill, HF Lockhart