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1 EDITORIAL

Potential Health Problems with the Use of Energy Drinks

L Hurlock, MG Lee

ORIGINAL ARTICLES

3 Effect of Moderate Ethanol Administration on Biochemical Indices in Streptozotocin-diabetic Wistar Rats

OA Adaramoye, GK Oloyede

Moderate ethanol administration did not affect fasting blood glucose and HbA_{1c}, but altered the lipid profile of streptozotocin-diabetic rats. Moderate ethanol intake may further increase the risk of complications in diabetes.

10 Early Changes in Carcinogenesis of Colorectal Adenomas

S Toru, B Bilezikçi

Ki-67 expression both in the crypt-surface epithelium and cyclin D1, c-erb B2, bcl-2 over-expression may be a clue of dysplastic epithelium. If the role of human papillomavirus is elucidated in colonic carcinogenesis, vaccination might prevent carcinogenesis from the virus.

17 A Comparison of the Chemical Constituents of Barbadian Medicinal Plants within Their Respective Plant Families with Established Drug Compounds and Phytochemicals Used to Treat Communicable and Non-Communicable Diseases

D Cohall, S Carrington

This is a review of the medicinal plants used as folklore remedies in Barbados. It attempts to outline the various families of the medicinal plants showing similarities in the phytochemical profiles of the plants and their indications. It also attempts to validate, in a preliminary way, the folklore practices by comparing the phytochemical profiles with established approved drug agents and other phytochemicals.

28 Mediterranean Fever Gene Mutations in Greek Patients with Behçet's Disease

K Konstantopoulos, E Kanta, V Papadopoulos, P Kaklamanis, M Hatzinikolaou, V Kalotychou, A Kanta, V Kapsimali, G Vaiopoulos

Pyrin gene mutations in Greek patients with Behçet's disease are not more common than the general population.

32 Parent Perceptions of Paediatric Oncology Services at the Eric Williams Medical Sciences Complex, Trinidad and Tobago

A Lum Lock, C Bodkyn, Z Ali

Medical needs of patients were perceived to be well met, but there was need to address psychosocial, physical and educational needs of parents.

37 Epidemiology of Neonatal Jaundice at the University Hospital of the West Indies

C Henny-Harry, H Trotman

To reduce morbidity associated with neonatal jaundice at the University Hospital of the West Indies, there

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should be increased screening for G6PD deficiency and current systems in place for follow-up and monitoring of infants discharged from hospital prior to 72 hours must be expanded and strengthened.

43 Drug Prescribing for Hypertension at Primary Healthcare Facilities in Trinidad*YN Clement, S Ali, S Harripaulsingh, K Lacaille, O Mohammed, S Mohammed, T Ragbir, E Ramirez, K Tshiamo*

A cross-sectional survey at primary healthcare centres in Trinidad among hypertensive patients showed an attempt to follow prescribing guidelines. Angiotensin converting enzyme inhibitors were most commonly prescribed, but thiazide diuretics were underutilized.

49 Fetal Central Nervous System Magnetic Resonance Imaging at the University Hospital of the West Indies, Jamaica*N Johnson, P Johnson, S Blaser*

Fetal magnetic resonance imaging improved prenatal diagnosis, was a valuable contributor to patient counselling and led to changes in perinatal management.

58 An Assessment of Knowledge, Attitudes and Behaviour Regarding the Human Papillomavirus*N Perrotte, A Gomez, G Mason, D Stroup*

The rate of cervical cancer as well as poor screening practices led to the study which was conducted on the St George's University campus in Grenada. The results showed lack of knowledge about the relationship between human papillomavirus, cervical cancer and the associated risk factors.

64 Role of Routine Chest Radiographs in the Evaluation of Patients with Stable Blunt Chest Trauma – A Prospective Analysis*KS Myint, S French, J Williams-Johnson, E Williams, P Johnson, MO Reid, G Gordon-Strachan*

The study sought to assess the test performance characteristics of clinical judgement in the evaluation of stable blunt chest trauma patients compared with chest radiography in the determination of significant intra-thoracic injury. The study revealed that physicians in the local

*Continued on Inside Back Cover***BUSINESS INFORMATION**

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emergency department may be over-utilizing chest radiographs for patients who had stable blunt chest trauma.

73 The Development of Anaesthetic Services in Jamaica

MD Scarlett, A Crawford-Sykes, HE Harding

Formal training in the administration of anaesthesia was instituted on the recognition that dedicated physicians/nurses offered a better morbidity/mortality profile to patients. Much progress has been made since the turn of the 20th century, in keeping with international standards.

76 Epidemiology of Febrile Diseases in the Emergency Department of a Caribbean Island: The Curaçao Experience

M Limper, I Gerstenbluth, AJ Duits, ECM van Gorp

This paper describes the aetiology and outcome of febrile patients at the emergency department of a general hospital in Curaçao. A high prevalence of bacterial infections and mortality were observed.

SHORT REPORT

81 Wayward Effect of Polymorphism (TA)₈ in the Promoter Region of UGT1A1 Gene in a Mexican Family

JA Tintos-Hernández, FJ Perea, B Ibarra, LE Figuera

This is a report of the varied effects of Gilbert syndrome in a Mexican Mestizo family with a non-common (TA)₈ repeat in this population.

VIEWPOINT

84 Cricket World Cup: A Stress Test for the Surveillance System in the Caribbean

EV Boisson, M Imana, P Roberts

A regional mass gathering surveillance system in support of the 2007 Cricket World Cup was developed as an adaptation of the routine communicable disease surveillance system. It was used to strengthen and test already existing national and regional surveillance systems.

90 Prostate Cancer in Jamaica and the Wider Caribbean: It Is Time to Consider Screening

WD Aiken, D Eldemire-Shearer

This paper examines the role of screening and argues for increased screening in the population.

94 Living and Training in a Tropical Environment: A Challenge for Aerobic Exercise. Applied Knowledge and Perspectives

O Hue

This review focusses on the effects of a tropical environment on human exercise performance through studies performed in the Caribbean, with a special emphasis on prolonged aerobic exercises such as swimming, cycling and running.

DENTAL FORUM

98 Role of Smoking in Periodontal Disease among Diabetic Patients

R Obradović, LJ Kesić, J Gašić, M Petrović, N Živković

Smoking negatively affects the course of diabetic periodontitis. Smoking diabetic patients are at a high risk for poor periodontal prognosis and should be included in careful periodontal treatment.

CASE REPORTS

102 Postoperative Tetralogy of Fallot with Concomitant Atrial Fibrillation and Ventricular Tachycardia

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