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559 EDITORIAL

Risk Factors and Prevalence of Penile Cancer
BF Morrison

561 Iron Deficiency among Jamaican Adolescents
K Mason, F Gibson, I Hambleton, B Serjeant,
G Serjeant

Screening of 15 592 senior school students in the parish of Manchester, Jamaica, revealed that 3.8% of females had haemoglobin levels below 10 g/dL. Features were typical of iron deficiency and improvement followed iron supplementation. School medical examinations should include blood tests.

566 Monitoring of International Diabetes Federation-recommended Clinical Diabetes Indicators in a Public Health Centre in Southwest Trinidad
AS Dhanoo, BN Cockburn, N Shah, R Superville,
F Hill-Briggs

A medical record audit was conducted within a public regional health centre to quantify availability of diabetes clinical indicators and to provide rates of disease control according to regional guidelines. Reporting patterns are improving but remain a limitation for patient management.

571 Penile Carcinoma in Northern Trinidad and Tobago
MJ Ramdass, V Naraynsingh, Q Young-Sing,
J Mooteeram, S Barrow

The incidence of penile carcinoma in Trinidad and Tobago is low and has halved in the past two decades. It stands at 0.6 cases per 100 000 males; the peak age group is 41–50 years and 95% of cases occur between 41 and 80 years. The decreasing incidence may be attributed to better hygiene, a higher rate of circumcision and low human papillomavirus rates in this population.

575 Cervical Smears at Public Health Centres in Eastern Trinidad: Coverage and Follow-up, 2009–2010

G Lynch-George, RG Maharaj

The cervical screening services in the Eastern Regional Health Authority in Trinidad did not provide adequate coverage to the target population or adequate follow-up care for women with abnormal smears in 2009 and 2010.

582 Neurodevelopmental Outcome of Childhood Cancer Survivors Treated at the Eric Williams Medical Sciences Complex

D Coombs, C Bodkyn, J Ramcharan

The paediatric cancer survivors in this survey were found to have delays in their development. This group

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of children should have their development closely monitored. This will ensure that delays in development can be discovered early and appropriate interventions instituted.

588 Evaluation of Serum Lipid Profiles in Turkish Children Aged Two to Eighteen Years

D Toprak, A Bukulmez, N Dogan, O Oztekin, T Koken

Dyslipidaemia in children was evaluated according to age, gender, percentiles, mother's education level, breastfeeding duration and area of residence. The prevalence of dyslipidaemia was 37.4%; periodic checks should be carried out to prevent cardiovascular risks.

596 HIV-1 Antiretroviral Drug Resistance in Pregnant Women in Jamaica: A Preliminary Report

II Amarakoon, A Ramkissoon, R Pierre, LM Eyzaguirre, JK Carr, WA Blattner, ME Roye

This study sought to provide insight into the genetic diversity associated with HIV drug resistance. This was investigated by analysing the genome of the HIV found in pregnant women attending antenatal clinics in Kingston, Jamaica.

601 Relationship between Leukopenia and Intercellular Adhesion Molecules in Graves' Disease

Y Gao, HJ Shen, P Zhou, H Hu, JL Tang, LL Peng, J Tong

E-selectin may have an important function in Graves' disease with leukopenia, and glucocorticoids (prednisone) could decrease E-selectin level; this may be a new therapy target for Graves' disease with leukopenia.

605 Level of Caregiver Burden in Jamaican Stroke Caregivers and Relationship between Selected Sociodemographic Variables

S Roopchand-Martin, S Creary-Yan

This manuscript examines caregiver burden among a small sample of primary caregivers of stroke patients in Jamaica. The Bakas Caregiving Outcomes Scale and a demographic sheet were administered to the caregivers. The stroke survivors completed the Barthel Index and the Geriatric Depression Scale. Relationships between burden and selected variables were analysed.

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610 Underestimated Prevalence of Chronic Heart Failure among the Elderly Residing in Care Homes in Aruba

E Stoutjesdijk, M Barents, RM Brouns, MJL DeJongste, HJ Besselink, JD Cheng, R Wever, FAJ Muskiet

The prevalence of chronic heart failure (CHF) among the elderly in care homes in Aruba is high (31%) and underestimated. B-type natriuretic peptide testing adds value to the usual diagnostic work-up for CHF in these elderly.

616 Evaluation of Water Sanitation Health Education Programme: Working with the Knowledge of the Basic Sanitation Services in a Developing Community in Rural Haiti after the 2010 Earthquake

VE Reyes-Ortiz, W Calderón-Alicea, R Castillo, JJ Cintrón-García, JJ Cintrón-García, L Colón Cruz, A Hernández-Muñoz, I Irizarry-Pérez, I Lockward, C Neste-Laboy, M Ortiz-León, A Pérez-Homar, J Pérez, W Ramírez-López, L Rivera, D Scholz, M Soto-Ortiz, A Torres-García

After a two-year intervention programme, residents of a rural community in Haiti had an adequate knowledge of the new sanitation system, especially those who had access to the system, those 40–49 years old and those with households of less than seven members.

620 A Radiographic Correlation between Renal and Pulp Stones

E Tarim Ertas, M Inci, A Demirtas, H Ertas, E Yengil, Y Sisman, C Gokce

No correlation was found between the presence of pulp stones and kidney stones in the investigated group. The presence of pulp stones does not seem to be correlated with that of kidney stones.

626 Development and Validation of a Measure of Attitudes toward Fluffy Women

C Barned, GE Lipps

A scale to assess attitudes toward fluffy women is developed and validated in a university student population in Jamaica. The scale has reasonably good concurrent validity and acceptable discriminant validity.

634 Child Sexual Abuse and Continuous Influence of Cultural Practices: A Review

S Shafe, G Hutchinson

Child sexual abuse associated with cultural practices is no longer regional bound as a result of migration and transcultural marriages. The orientation toward group, family structure, and conformity to norms and the issue of shame continue to play a major role in reporting practices.

638 Can We Afford Total Joint Replacements in Jamaica?

KD Vaughan

This article looks at the cost of both primary and revision joint replacement and questions whether we can afford

such cost locally without adequate insurance coverage and the availability of bone locally.

641 Impaired Bronchoprotection Is Not Induced by Increased Smooth Muscle Mass in Chronic Treatment *In Vivo* with Formoterol in Asthmatic Mouse Model

W Luo, C-T Liu, Q-H Yang, Q Yu, T Wang

Compelling evidence proves that bronchial smooth muscle mass significantly increases in asthmatics, and chronic formoterol administration induces impaired bronchoprotection. No significant difference was detected in increased smooth muscle mass, implying that some other molecular mechanisms might be involved.

SHORT COMMUNICATION

647 Reasons for Non-vaccination among Patients Who Acquired Measles: Lessons from the Local Measles Epidemics in Japan

K Takahashi, H Kanda, J-Y Kim

Many parents/guardians are willing to immunize their children but may not because they are busy, rather than because of anti-vaccine attitudes. Healthcare workers should provide honest risk and benefit information in addition to the vaccine schedule.

VIEWPOINT

650 Monoclonal Antibodies in Cancer Therapy: Mechanisms, Successes and Limitations

A Coulson, A Levy, M Gossell-Williams

The classification, efficacy and significantly reduced toxicity of chemotherapeutic monoclonal antibodies (CmAbs) available for use in the United States of America are presented, and their limitations and future considerations are explored.

655 Toward Understanding the Biology of Crime in Trinidad and Tobago

D Emmanuel

Crime has a distinct biological component; addressing this aspect could lead toward clinical interventions that could mitigate the incidence of crime within the population.

CASE REPORTS

658 Ischaemic Priapism and Glucose-6-Phosphate Dehydrogenase Deficiency: A Mechanism of Increased Oxidative Stress?

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682 Coexistence of Heterotopic Ossification of the Elbow and Vitamin D Deficiency Following Stroke: Can Calcium and Vitamin D Treatment Aggravate Ossification?

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