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589 EDITORIAL

Eating Disorders: An Emerging Psychopathology
CA Sewell, JS Martin, WD Abel

ORIGINAL ARTICLES

591 Molecular Detection and Epidemiology of Extended-Spectrum Beta-lactamase Genes Prevalent in Clinical Isolates of *Klebsiella pneumoniae* and *E coli* from Trinidad and Tobago

PE Akpaka, B Legall, J Padman

This first report of molecular characterization and epidemiology of ESBL subtypes in E coli and K pneumoniae isolates in Trinidad and Tobago shows that the CTX-M, mainly phylogenetically group 1 type, was most predominant. Most ESBL producing isolates were still susceptible to carbapenems and aminoglycosides and their spread appears to be polyclonal and clonally unrelated.

597 Cytotoxic Activity of Selected West Indian Medicinal Plants against a Human Leukaemia Cell Line

G Ramcharan, YN Clement, AR Maxwell

*Crude methanolic extracts and solvent fractions of the aerial parts of *Spermocoe verticillata*, *Ficus pumila* and *Flemingia strobilifera* showed cytotoxic activity against a human leukaemia cell line. However, chloroform and butanol fractions of *F pumila* had significantly lower IC_{50} values.*

602 Comparative Antimicrobial Activity of Two New Mutacins

GG Nicolas, G LaPointe, MC Lavoie

*The comparative in vitro activity of two bacteriocins produced by *Streptococcus mutans* is presented. Results show that these mutacins are active against pathogens including antibiotic-resistant bacteria. Based on their activity spectra, potential applications are proposed for each bacteriocin.*

607 A Randomized, Controlled, Open-label Trial Evaluating the Efficacy and Safety of Chloroquine in the Treatment of Giardiasis in Children

R Cañete, DE Rivas, AA Escobedo, ME González, P Almirall, K Brito

*This randomized clinical trial evaluated the efficacy and safety of two drugs in the treatment of *Giardia lamblia* infection in Cuban children. The authors demonstrated that chloroquine, for five days, was as efficacious as metronidazole in treating *Giardia lamblia*.*

612 Effects of Tranexamic Acid on Death, Vascular Occlusive Events, and Blood Transfusion in Trauma Patients with Significant Haemorrhage (CRASH-2): A Randomised, Placebo-controlled Trial

JA Williams-Johnson, AH McDonald, G Gordon-Strachan, EW Williams

Tranexamic acid safely reduced the risk of death in bleeding trauma patients in this study. On the basis of

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these results, tranexamic acid should be considered for use in bleeding trauma patients

625 Cardiovascular Disease Risk Factors in Menopausal Jamaican Black Women after Hysterectomy and Bilateral Oophorectomy: An Observational study

HM Fletcher, F Bennett, D Simms-Stewart, M Reid, NP Williams, GH Wharfe, RJ Wilks, S Mitchell, P Scott

Hysterectomized black women in Jamaica are not at increased risk of cardiovascular disease.

633 Knowledge of Students Attending a High School in Pretoria, South Africa, on Diet, Nutrition and Exercise

SV Letlape, K Mokwena, OO Oguntibeju

Inactivity and low levels of physical activity are predisposing factors to many chronic diseases such as heart disease which are showing an increase in prevalence in Sub-Saharan Africa. Our results indicated that 38%, of the participants engaged in low activity levels, 58.8% in moderate activity levels and 3.2% in high activity levels and that generally, adolescents are not actively involved in adequate physical activities that could safeguard their present and future health and well-being.

641 Substance Use among University Students at the St Augustine Campus of The University of the West Indies

AM Dhanookdhary, AM Gomez, R Khan, A Lall, D Murray, D Prabhu, A Ragoonath, N Singh, S Tewari, FF Youssef

Substance use is a significant health risk, particularly among university students. This study assesses substance use at The University of the West Indies, St Augustine. We conclude that the extent and problems created by substance use are significant and recommend targeted interventions.

650 Knowledge, Attitude and Practice of Emergency Contraceptive Pills among Tertiary level students in Trinidad: A cross-sectional survey

B Parey, L Addison, JK Mark, B Maurice, V Tripathi, S Wahid, R Antoine, A Sahai

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A survey was conducted to assess knowledge, attitude and practice about emergency contraceptives (EC) among tertiary level students in Trinidad. The general level of their knowledge about ECs was poor but their general attitude towards ECs was positive.

656 Interdisciplinary Communication in the Intensive Care Unit at the University Hospital of the West Indies

LPT Chang, HE Harding, I Tennant, D Soogrim, K Ehikhametalor, B James, A Frankson, GM Gordon-Strachan

A cross-sectional survey of medical staff in the Intensive Care Unit, the University Hospital of the West Indies regarding interdisciplinary communication was conducted in January 2008. Communication between staff members was unsatisfactory, with differing perceptions between physicians and nurses. There were lower levels of openness reported by nurses (32%) compared to physicians (73%). There was an overall poor perception of leadership within the unit.

662 Mental Illness and Public Health: Exploring the Role of General Hospital Physicians at a Teaching Hospital in Jamaica

RC Gibson, JS Martin, SM Neita

This study examines general hospital physicians' utilization of consultation-liaison psychiatric services and makes inferences about the extent to which their role in the detection of psychiatric illnesses is being fulfilled.

668 Exposure to Airborne Asbestos in Jamaican Hospitals

HP Scarlett, E Delzell, N Sathiakumar, RK Oestenstad, E Postlethwait

Analysis by phase contrast microscopy of personal air samples collected at two major hospitals in Jamaica revealed that some samples contained fibres resembling asbestos. However, confirmatory testing by transmission electron microscopy showed that asbestos fibres were not present in the air samples.

674 Oral Steroid Therapy for Frozen Shoulder

K Takase

It was possible to obtain early symptom relief in frozen shoulder with oral steroid therapy. However, sufficient care is required in explaining the method of administration and the adverse effects such as the osteonecrosis of the femoral head osteoporosis

680 Time Equals Myocardium: Are we in Time?

S Mohan, S Lynch, TA Cummings

Early reperfusion is critical to salvaging infarcting myocardium. We have explored the time delay in

patients receiving thrombolysis and have found there are significant delays in patients getting to a thrombolysis centre and receiving thrombolysis once they have arrived.

REVIEW ARTICLE

686 The Effects of Viewing Pro-Eating Disorder Websites: A Systematic Review

T Sloper-Talbot

A systematic review of English language research on websites promoting eating disorders reveals little consensus on the websites effects. The emotive and seemingly dangerous content of these websites deserves further research and directions for this are discussed.

698 Compartment Syndrome as a Complication of the Lithotomy Position

I Karmanioulou, C Staikou

Compartment syndrome is a serious complication of the lithotomy surgical position. Careful placement and limited elevation of patient's legs are basic preventive measures. Postoperative vigilance and careful assessment of patient's pain and analgesic needs are mandatory for early diagnosis of the syndrome.

VIEWPOINTS

702 Iatrogeny: Why Patients Come to Harm

SR Maharaj

Iatrogeny remains a constant challenge to all members of the health team who must be made aware from the onset of their roles and responsibility to their patients with particular reference to patients' rights and well-being.

706 The Relationship Between Healthcare Services and the Political Economy with Reference to the Jamaican Experience

SR Maharaj

Provision of adequate healthcare in time of scarce resources is a perpetual challenge for political leaders. Being able to integrate social policy issues with economic policy requires the political will to facilitate this challenge. In this context, there is a direct relationship between the quality and quantity of healthcare services and the prevailing political economy

BRIEF COMMENTARY

709 The Faculty of Medical Sciences, St Augustine, and its Contribution to Human Resource Development in the Caribbean

M Lewis

The Faculty of Medical Sciences, St Augustine, serves a key role in providing qualified health professionals for the Caribbean region. It has graduated 2380 students from its undergraduate programmes in twenty

years and has strengthened the human resource capacity in the health sector of 15 of the 16 contributing territories.

CASE REPORTS

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