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683 EDITORIAL

HPV and HPV Vaccine Awareness: Where Are We?

I Bambury

ORIGINAL ARTICLES

685 Evaluation of the Hypoglycaemic Activity of *Petiveria alliacea* (Guinea Hen Weed) Extracts in Normoglycaemic and Diabetic Rat Models

S-L Christie, A Levy

The aqueous and hexane extracts of Petiveria alliacea were investigated for hypoglycaemic properties in normoglycaemic and streptozotocin-induced diabetic rats. The findings demonstrated no significant changes in blood glucose levels in response to Petiveria alliacea treatment.

692 The Application of Chromosome Abnormality Chip Detection in Male Infertility

J Liu, WT Wang, RM Li, SX Zhan, XB Wang, L Gong, J Sun, LJ Duan, CM Sun

Chromosome abnormality chip detection system provides a sensitive, economic and high-throughput method for detecting the deletion or amplification of genomic DNA sequences of infertile patients.

698 Autophagy Facilitates the Sorafenib Resistance of Hepatocellular Carcinoma Cells

B Liu, Y Cao, H Jiang, A Mao

Although the function of autophagy in sorafenib resist-

ance is still uncertain and more studies are needed to explore the possible resistant mechanism, it offers a new potential strategy for overcoming resistance to sorafenib.

701 Immunoglobulin Heavy Chain Gene Rearrangement in Non B-Cell Haematological Malignancies

MN Noor Haslina, R Marini, B Rosnah, MY Shafini, WM Wan Haslindawani, H Mohd Nazri, G Salamah, J Hasnan, H Rosline

Immunoglobulin gene rearrangement, which occurs in almost all haematological malignancies of B-cell lineage, also presents in a very small proportion of T cell or myeloid malignancies.

705 Association between Obesity and Impaired Glucose Tolerance in New Providence Adolescents as Demonstrated by the HbA_{1c} Test

K Rivers, C Hanna-Mahase, M Frankson, F Smith, S Peter

There is a strong positive association between impaired glucose tolerance and obesity among Bahamian adolescents.

711 Colorectal Anastomotic Leakage at the University Hospital of the West Indies – An Analysis of Risk Factors

PA Leake, JM Plummer, A Rhoden, MAC Frankson, G Gordon-Strachan, LP Powell, PO Roberts

This analysis of colorectal anastomoses at a tertiary

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institution in Jamaica demonstrates acceptable leak and mortality rates. No modifiable risk factors were identified as contributing to anastomotic leaks.

716 Diagnostic Value of p16 Methylation for Malignant Pleural Effusions: A Meta-analysis

M Li, S-J Guo, Y-C Shen, L-Q Jia, D-D Li, C Wan, F-Q Wen

Pleural p16 methylation test plays a role in the diagnosis of malignant pleural effusions despite its limitations.

721 Differences of Ventricular Late Potential between Acute STEMI and NSTEMI Patients

JJ Wang, X-T Sui, Y-X Sun, Y Li, G Yang, F Xu, Y-L Zhang,

X-G Zhang

In this study, the positive rate of ventricular late potential was higher in patients with acute ST-segment elevation myocardial infarction (STEMI) than patients with NSTEMI. Close attention should be paid to these patients in order to reduce the occurrence of ventricular arrhythmia.

724 Is Timely and Appropriate Antifungal Drug Enough for Survival of Adult Cases with Candidaemia? Five-year Experience

MT Yildirmak, H Gedik, F Şimşek, NE Iris, A Gücüyener

Adult cases with candidaemia who have risk factors associated with mortality are more likely to have poor prognosis in spite of appropriate and timely initiated antifungal drug treatment.

731 Knowledge and Attitudes toward HPV and the HPV Vaccines in The Bahamas

D Halliday, R Butler, D Francis, J Thompson, M Joseph, CC Ragin

A survey of 399 persons was done in Nassau, Bahamas, to determine knowledge and attitudes toward the human papillomavirus and its vaccine. Although knowledge of both was limited, the majority would vaccinate their children.

738 Length of Stay and Outcome of Hospitalized Chronic Obstructive Pulmonary Disease Patients, Differences between General Medical Ward and Intensive Care Unit: A Cohort Study

N Makhoul, R Khamisy-Farah, R Farah

Results of our study showed that most patients with chronic obstruc-

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tive pulmonary disease (COPD) were hospitalized for an average of five days, and mortality rate was 5%; these outcomes are better than those found in the literature.

744 Incidences and Clinical Implications of Communications between Musculocutaneous Nerve and Median Nerve in the Arm – A Cadaveric Study

N Kumar, A Guru, MR D'Souza, J Patil, S Nayak B
Median nerve communication with the musculocutaneous nerve is not very common. Knowledge of these variations aids the clinician in the proper interpretation of the case; failure of this may complicate various surgical approaches in this area.

748 Stabilizing Effects of a Particulate Demineralized Bone Matrix in the L4 Interbody Space with and without PEEK Cage – A Literature Review and Preliminary Results of a Cadaveric Biomechanical Study

C Bruce, KR Chin, V Cumming, NR Crawford
A review of the biological elements supporting the usefulness of a particulate form of demineralized bone matrix with spinal fusion reports some limitations of its use described in the medical literature, and in the interbody space, using a cadaveric biomechanical model.

752 Microwave Hyperthermia in Conjunction with Radiotherapy in Superficial Tumours: Correlation of Thermal Parameters with Tumour Regression

V Kouloulas, S Triantopoulou, E Efstathopoulos, K Platoni, J Kouvaris, N Uzunoglou, C Antypas, P Karaikos, P Aggelakis, J Vrouvas, N Kelekis
Microwave one-hour heating should be over 440 °C for favourable treatment response, when combined with radiotherapy.

DENTAL FORUM

758 Knowledge, Attitude and Behaviour for Choosing Oral Hygiene Aids among Students of Management Institutes, Ghaziabad, India

S Kote, M Dadu, Sowmya AR, Aruna DS, D Arora
A cross-sectional study of 1224 students revealed that selection of oral hygiene products was based more on parental influence. There seems to be a lack of knowledge and awareness about how to choose a dentifrice and toothbrush.

VIEWPOINT

764 A Vision for Oral and Maxillofacial Pathology in Jamaica

Arvind Babu RS

The vision for oral and maxillofacial pathology in Jamaica, if planned properly, will lead to a bright future for training oral and maxillofacial pathologists in Jamaica.

767 Sleep: A 'Wake-up' Call

AC Dhamangaonkar

With growing stress levels among students, sleep problems have become a common affair and significant gaps in sleep education exist today among medical students. Health hazards of sleep deprivation include anxiety, depression, hypertension, obesity, diabetes, breast malignancy, increased error rate at work, decreased dexterity and adverse impact on academic performance.

CASE REPORTS

770 'Fishy' Make-up on the Hook for Mercury Exposure: A Case Series

O Drescher, E Dewailly, M Krimholtz, J Rutchik

773 Critical Illness in Energy Metabolism Genetic Disorder: Rhabdomyolysis, Acute Kidney Injury, Respiratory Arrest

E Giuliani, F Coppi, V Bertolotti, G Gorlato, M Zavatta, A Barbieri

776 A Rare Cause of Rhabdomyolysis from Brucella: A Case Report

S Davutoglu, MI Turan, H Tan

778 A Case Report: Primary Melanoma of the Nasal Cavity

S Belli, S Yalcin, MF Oktay

LETTERS TO THE EDITOR

781 Can Hashimoto Thyroiditis Cause Massive Pericardial Effusion?

A Cayir, MI Turan, H Olgun, Z Orbak

782 Widespread Idiopathic Calcinosis Cutis: A Case Report

A Cayir, MI Turan, B Gundogdu, Z Orbak