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115 EDITORIAL

Psychiatric Co-morbidity: Revisiting the “Mind-Body” Connection

CA Sewell, JS Martin, WD Abel

117 ORIGINAL ARTICLES

Serum Lipids, Proteins and Electrolyte Profiles in Rats Following Total Body Irradiation

CR Nwokocha, MI Nwokocha, PPE Mounmbegna, DU Owu, O Onyezuligbo, EH Olu-Osifo, E Okojie, E Asuquo, K Thaxter, C Ogunsalu

Cumulative total body irradiation caused subtle but significant changes in serum lipids, electrolytes and protein which may be due to non-specific stress reactions. As such, they are important markers in the diagnosis of radiation induced injury.

122 Elevated Ferric, Calcium and Magnesium Ions in the Brain Induce Protein Aggregation in Brain Mitochondria

T Alleyne, N Mohan, A Adogwa

This study evaluated the impact of elevated aluminum, ferric, calcium and magnesium ions on rabbit brain. Aluminum ion, but not the others, induced neurofibrillary degeneration within the midbrain and medulla. On the other hand, the other three ions caused aggregation of low molecular weight mitochondrial proteins.

128 Effect of Gabapentin on Postoperative Pain and Operation Complications: A Randomized Placebo Controlled Trial

S Behdad, V Ayatollahi, A Tabatabaei Bafghi, M Dehghan Tezerjani, M Abrishamkar

The results of this randomized double blinded placebo controlled clinical trial showed that oral gabapentin 100 mg at night and 300 mg two hours before surgery decreased postoperative pain up to 24 hours after abdominal hysterectomy.

134 Adequacy of Lymph Node Harvesting in Colorectal Cancer Management: Improving Standards, Ensuring Quality

RPD Graham, JM Plummer, KA West, NP Williams

The adequacy of lymph node resection at the University Hospital of the West Indies meets accepted standards for right-sided colon cancers but is less than adequate for left-sided cancers. Ensuring adequate node sampling is a dual responsibility of the reporting pathologist and attending surgeon as this has important implications for treatment, prognosis and quality of care.

139 To Study the Correlation between Carrier Status of Nasal *Staphylococcus aureus* in Patients on Haemodialysis with Hepatitis C, Hepatitis B and Their Sociodemographic Features

U Aydogan, H Akbulut, DE Gok, MI Yilmaz, S Yuksel, O Sari, YC Doganer, Z Senses, D Baltaci, IH Kara, K Saglam, W Qidwai, S Waheed

(Continued on inside front cover)

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Continued from front cover

In the present study, significant positivity was detected between methicillin sensitive Staphylococcus aureus (MSSA) carrier status and hepatitis C virus (HCV) in patients on haemodialysis and who have lived together with ≤ 2 family members at home.

145 A Severe Pneumonia due to Methicillin Resistant *Staphylococcus aureus* Clone USA 300: Implications of Vertical Transmission

N Crooks, T Ross, S Grant, R Anmolsingh, A Gabriel, A Foggo-Osseyran, K Carroll, C Wilson

Aggressive antibiotic therapy is essential for the management of patients with methicillin resistant Staphylococcus aureus (MRSA) pneumonia and this therapeutic approach will also help to prevent the passing of the organism on to other individuals.

148 CONTINUING MEDICAL EDUCATION Images and Diagnoses

149 Psychopathological Evaluation of Patients Requesting Cosmetic Rhinoplasty: A Review

H Belli, S Belli, C Ural

Exclusion of patients possessing serious psychopathologies from surgical cosmetic rhinoplasty operations provides better results in the long term. The lack of sufficient research in this area necessitates new and comprehensive studies.

154 Prevalence of Toxoplasmosis, Cytomegalovirus and Rubella IgG Antibodies in Hatay Women and Children

V Koksaldi-Motor, O Evirgen, I Azaroglu, M Inci, B Ozer, S Arica

Routine serological screening for toxoplasmosis, cytomegalovirus and rubella should be recommended in women of childbearing age. Seronegative subjects should be vaccinated for rubella and educated for protection from toxoplasmosis.

158 Endoscopic Carpal Tunnel Release in Jamaica – Seven Years Experience

D McDowell, M Garwood, D Barnes, M Minott

Carpal tunnel surgery by endoscopic release affords fast resolution of symptoms and early return to work.

Continued on Inside Back Cover

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Continued from inside front cover

163 Sociodemographic Determinants of Complicated Unsafe Abortions in a Semi-urban Nigerian Town: A Four-year Review

IA Ibrahim, U Onwudiegwu

Unfavourable sociodemographic factors are major determinants of the high incidence of unsafe abortion in the Niger Delta despite strict abortion laws. Concrete measures must be put in place to address these, as unsafe abortion and its complications are a major cause of maternal morbidity and mortality in this environment.

168 VIEWPOINT

The Impact of a No-user-fee Policy on the Quality of Patient Care/Service Delivery in Jamaica

W De La Haye, S Alexis

The paper is derived from a submission to the Sessional Select Committee on Human Resources and Social Development by the Medical Association of Jamaica. It explores the impact of the no-user-fee policy on the quality of patient care/service delivery in Jamaica and makes recommendations for reform.

174 DENTAL FORUM

Prevalence of Dentine Hypersensitivity among Adult Patients Attending a Dental Hospital Clinic in Turkey

H Çolak, S Demirer, M Hamidi, R Uzgur, S Köseoğlu

The prevalence of dentine hypersensitivity in a postgraduate clinic in Turkey was 7.6%. The commonest teeth affected were the upper premolar and the commonest initiating factor was cold drinks.

180 Orthodontic Treatment Need of Children in Trinidad and Tobago

CO Bourne, B Sa

A prospective cross-sectional study was done and the orthodontic treatment need of children aged 11-12 years in Trinidad and Tobago was determined to be three out of five children.

187 Dental Anxiety among Patients Visiting a Dental Institute in Faridabad, India

CM Marya, S Grover, A Jnaneshwar, N Pruthi

Overall, prevalence of dental anxiety among patients in Faridabad, India, was high (50.2%) but severe anxiety (phobia) was low (4.38%). Females and patients in the 20-30 years age group had the highest levels of dental anxiety.

191 Periodontal Health Knowledge and Smoking are Associated with Periodontal Treatment Need according to Tooth Brushing Levels

S Demirer, UK Gürsoy, H Ozdemir, EO Erdemir, VJ Uitto
Gender, smoking habits, marital status, place of residence, education and periodontal health knowledge are determining factors related to tooth brushing frequency. Periodontal knowledge and smoking are associated with periodontal treatment needs.

198 CASE REPORTS

Calabash Pregnancy: A Malingering Response to Infertility Complicated by Domestic Violence

AG Adesiyun, N Ameh, U Bawa, H Adamu, A Kolawole

202 Acute Hepatitis C Infection with Unclear Route of Transmission

J Cheng, SW Jang, LZ Zhang, ZS Zhou, JB Li, X Li, QL Sun

204 Simultaneous Rupture of Bilateral Quadriceps Tendon and Rotator Cuff Tear: A Case Report

HT Chen

207 LETTER TO THE EDITOR

A Report Summarizing Health Problems in Everyday Life in Tokyo: The Importance of Discussion from Various Perspectives

K Inoue, T Fukunaga, Y Okazaki, T Iwamoto, Y Fujita

208 INSTRUCTIONS TO AUTHORS