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WIMJAD

ORIGINAL ARTICLES

- 75 **Incidence of Obesity and Hypertension among Hyatt Employees in Aruba, 2012**
KP Ali, AK Dosaj, NP Dyal
This analysis of the prevalence of obesity, hypertension and diabetes is a critical aspect for the health care of the Aruban population. This study is a point prevalence assessment of these factors in a small subset of the population, hotel workers at the Hyatt.
- 80 **The Effect of Hydroxyurea therapy on Adverse Clinical Events and Haematological Indices in Paediatric Patients with Sickle Cell Anaemia**
K Maharaj, C Bodkyn, C Greene, S Bahadursingh
The vast majority of available evidence on the efficacy, effectiveness and safety of hydroxyurea in childhood sickle cell anaemia (SCA) is from high-income countries. The conclusions drawn from this study would be useful in guiding hydroxyurea use in other less developed countries with limited resources.
- 86 **Knowledge, Attitudes, Practices, Perceptions and Expectations of Clients Attending a Primary Care Based Tobacco Cessation Clinic in Trinidad**
RA Khan
Among clinic attendees the most popular perceived methods for promoting tobacco cessation were joining a Tobacco Cessation clinic (n = 23), followed by Quitting on your own (n = 13) and seeing a Physician (n = 8). Willpower (n = 11) was cited as the most common method that assisted in smoking cessation.
- 101 **Evaluative Research on Pharmacist-managed Diabetes Care: Focus on Self-monitoring of Blood Glucose**
PI Sealy, DN Ignacio, G Legall
This pharmacist evaluative research study (PHARMERS) sought to empower pharmacists to assist in the management of poorly-controlled, diabetic patients. We hoped to demonstrate that patients stand a better chance of achieving improved glycaemic control if closely monitored by a pharmacist.

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- 108 A Study of the Association between Diabetes Mellitus and Chronic Hepatitis B Virus Infection**
M Khurshid, A Rashid, N Aslam, SS Najam, T Siddique, M Islam, M Zain, AR Khan, AA Shah, FR Awan
The present study was designed to evaluate the relationship between HBV infection and first-time Type 2 diabetes mellitus from Pakistan and found that HBV infection did not enhance the risk of diabetes despite the significant differences in the biochemical parameters among the study's sample.
- 115 Antibacterial Activity of Glycyrrhiza Glabra Roots against Food-borne Pathogenic Bacteria**
N Eshghi, O Ghasemian Karyak, AA Malekirad, F Dehnamaki, S Abdi, E Shiri Malekabad, M Rezaei
This study evaluated the antibacterial activity of Glycyrrhiza glabra roots extract which was evaluated against several food-borne pathogenic bacteria. Results show that the aqueous extract was more effective than the others; while, among the tested bacteria, Staphylococcus aureus and Pseudomonas aeruginosa were the most sensitive and the most resistant, respectively.
- 121 In vivo and in vitro Pharmacological Evaluation of Gymnosporia Royleana**
H Khan, AA Shad, I Khan, A Aziz, G Ali, SM Hizbullah, I Jan
In the current investigation, we have made an effort to scientifically validate Gymnosporia royleana's traditional use in various pathological conditions such as antimicrobial, antidiabetic, antioxidant, anticancer and haemagglutination, which could be attributed to the phenolic content of the extract.
- 129 In-vivo Assessment of Antipyretic and Anti-inflammatory Activities of Gymnosporia Royleana Extract in Mice**
H Khan, I Khan, NK Khalil, A Shahidullah, A Aziz, A Wajid, H Jan, IU Rahman
This research study deals with the screening of methanolic extract of Gymnosporia royleana for antipyretic and anti-inflammatory activities using reported models of brewer's yeast induced pyrexia model and carrageenan-induced paw edema as well as xylene-induced ear oedema models of mice.
- 136 Antibacterial and Antifungal Activities of Compounds Isolated from Gymnosporia Royleana (Celastraceae)**
H Khan, I Khan, MR Shah, A Shahidullah, NK Khalil, A Aziz, A Wajid, H Jan, IU Rahman
The research study deals with the antibacterial and antifungal activities of compounds isolated from aerial parts of Gymnosporia royleana by using selected bacterial and fungal species and employing macrodilution method for determination of MIC.
- 142 The Effect of Tadalafil on Renal Fibrosis Induced by Ureteral Obstruction**
S Cırık, E Benli, SN Ayyıldız, E Karagüzel, A Kaçar, T Noyan, A Ayyıldız, S Köktürk
This study was aimed to determine the possible therapeutic effects of tadalafil, a specific PDE5 inhibitor, on renal fibrosis induced by unilateral ureteral obstruction (UUO). Our results suggested that tadalafil treatment ameliorated renal fibrosis by reducing TGF- β expression and might have important clinical relevance since tadalafil is currently used clinically to treat erectile dysfunction and pulmonary hypertension.
- 149 Effect of Linagliptin versus Metformin on Insulin Secretion, Insulin Sensitivity and Glucose Control in Subjects with Impaired Glucose Tolerance**
DM Hernández-Corona, T González-Heredia, E Martínez-Abundis, M González-Ortiz
In impaired glucose tolerance patients, administration of linagliptin during three months decreased glucose levels at 90 and 120 minutes after a 75 g oral dextrose load and area under the curve of glucose, meanwhile metformin only decreased insulin at 0 minutes.
- 154 Understanding HPV Vaccine Receipt among Adolescents in Trinidad and Tobago**
NN Modeste, D-A Sealy, P Dyett
The purpose of this study was to gain a better understanding of HPV vaccine receipt among adolescents attending high schools in Trinidad and Tobago.

160 Comparison of Computed Tomography Pulmonary Angiograms at the University Hospital of the West Indies, Jamaica with Reported Cases in Literature

W West, D Brady-West

The yield of positive CTPAs at the UHWI is among the highest in the literature. There is no significant difference between the sexes in the mean age for and the yield of positive CTPAs.

REVIEW

165 Diminutive Incision Acromioplasty Assisted with Arthroscopy in the Treatment of Chinese Patients with Subacromial Impingement Syndrome

Z-Q Wen, J Pan, Z Chen, J-Y Du, P-C Gu, X-J Lin

The present study on 22 Chinese patients with subacromial impingement syndrome showed that a diminutive incision acromioplasty assisted with arthroscopy is a reliable approach to treat subacromial impingement syndrome.