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Exploring Antioxidants
KG Marshall

ORIGINAL ARTICLES

121 Incidence and Gender, Age and Ethnic Distribution of Sarcomas in the Republic of Suriname from 1980 through 2008

DRA Mans, AE Budhu Lall, VL Macnack, JA van Tholl, EB Zandveld, MA Vrede

The incidence of soft-tissue and bone sarcomas in Suriname, as well as their gender, age, and ethnic distribution, probably do not differ substantially from international patterns. However, overall sarcomas and leiomyosarcoma may have a predilection for Afro-Surinamese rather than Asian-Surinamese.

128 Trends in Incidence and Age Distribution of Oral Cavity and Oropharyngeal Squamous Cell Carcinomas, Kingston and St Andrew, Jamaica, 1978–2007

M-P Nyi Nyi, TN Gibson, B Hanchard, N Waugh, D McNaughton

The incidence rates of tongue and tonsillar cancers have been decreasing in Jamaica but continue to predominate among older men. This is unlike data reported elsewhere, where rates have been increasing in young adults, and therefore warrants further study.

134 A Thirty-year Review of Vulvar Cancer in Jamaica, 1978 to 2007

ME Bromfield, TN Gibson, B Hanchard, N Waugh, D McNaughton

In Jamaica, squamous cell carcinoma is the most common vulvar cancer, affecting mainly older women. Age-standardized rates for all vulvar cancers and vulvar squamous cell carcinoma are declining.

138 Hip Fractures: The St Ann's Bay Regional Hospital Experience

I O'Connor, D McDowell, D Barnes

A significant increase in the recorded incidence of hip fractures and a significant decrease in mortality were noted between two time periods at St Ann's Bay Regional Hospital in Jamaica.

142 Determination of Chemical Antioxidants and Phenolic Compounds in the Brazilian Mushroom *Agaricus sylvaticus*

JV Costa Orsine, MRCG Novaes, E Ramirez Asquieri, R Cañete

*Agaricus sylvaticus mushroom has been widely studied because of its high nutritional value and medicinal properties. The objective of this study was to evaluate the antioxidant potential of both alcoholic and aqueous extracts of *Agaricus sylvaticus*, and quantify their total polyphenol content. There is great antioxidant poten-*

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*Continued from front cover**tial of aqueous, alcoholic and ethereal extracts of the Agaricus sylvaticus mushroom.***147 Newborn Screening for Sickle Cell Disease in Jamaica: A Review – Past, Present and Future**

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*Screening newborns for sickle cell disease (SCD) in Jamaica has significantly impacted mortality and morbidity of affected children. Efforts must continue toward the goal of island-wide newborn screening for SCD in order to ensure continued improvements.***151 Secondary School Students' Knowledge of Physical Therapy: The Trinidadian Scenario**

S Roopchand-Martin, G Noel

*This manuscript examines the accuracy of secondary school students' knowledge of physical therapy and identified common sources of knowledge. The relationship between source of knowledge, career stream and accuracy of knowledge was examined.***159 Exploring Emotional Intelligence in a Caribbean Medical School**

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*This preliminary study examined the emotional intelligence (EI) of a sample of medical students from a Caribbean medical school. The total mean score for EI fell within the average according to accepted standards; however, males and younger age groups (< 25 years) had significantly higher scores.***167 Endothelial Injury Preceding Intracranial Aneurysm Formation in Rabbits**

M-H Li, P-G Li, Q-L Huang, J Ling

*This study is the first to present endothelial cell changes of basilar artery bifurcation in response to sustained high blood flow in rabbits. Endothelial cell impairment possibly initiates aneurysm formation.***172 Effect of Cervical Artificial Disc Replacement on Adjacent Inferior Intervertebral Space Stress**

L-K Chen, K-H Li

*Intervertebral fusion and intervertebral discectomy can significantly affect the adjacent inferior intervertebral space stress. There is no**Continued on Inside Back Cover***BUSINESS INFORMATION****Copyright:** Material printed in the Journal is covered by copyright and may not be reproduced in whole or in part without the written permission of the Editor. Single photocopies may be made by individuals without obtaining prior permission.**Microform:** The Journal is available in microform from Bell and Howell Information and Learning.**Abstracting and Indexing:** The Journal is currently included in major abstracting and indexing services.**Correspondence** should be addressed to:**THE EDITOR-IN-CHIEF, MAILING ADDRESS: West Indian Medical Journal, Faculty of Medical Sciences, The University of the West Indies, Kingston 7, Jamaica****Webpage:** <http://myspot.mona.uwi.edu/fms/wimj/>, www.scielo.org**E-mail:** wimj@uwimona.edu.jm**Telephone:** (876) 927-1214 **Fax:** (876) 927-1846**ANNUAL SUBSCRIPTION:** Overseas US\$175.00

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obvious effect of cervical artificial disc replacement on adjacent inferior intervertebral space stress.

174 Hepatic Lobectomy and Segmental Resection of Liver for Hepatolithiasis

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Hepatectomy is an effective method in the treatment of hepatolithiasis.

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VIEWPOINT

182 A Scenario for the Origin of Blood Group Antigens

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The author proposes that invading organisms insert their DNA sequences into the genomes of humans and this genetic reprogramming could have been the basis of the evolution of blood group antigens.

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