

107 EDITORIAL

Tuberculosis in HIV: Making Good with What We Have YGR White

109 ORIGINAL ARTICLES

Assessment of the Ability of the Triglyceride to High Density Lipoprotein Cholesterol Ratio to Discriminate Insulin Resistance among Caribbean-born Black Persons with and without Hispanic Ethnicity ES Tull

Identifying persons who are insulin resistant is important for preventing Type 2 diabetes and cardiovascular disease. This study assesses the ability of the triglyceride to high density lipoprotein cholesterol ratio to identify Caribbean-born Hispanic black and non-Hispanic black persons with insulin resistance.

114 A Prediction Equation for the Estimation of Cardiorespiratory Fitness Using an Elliptical Motion Trainer

GA Brown, RD Krueger, CM Cook, KA Heelan, BS Shaw, I Shaw

In the United States of America, 6.2 million individuals use elliptical motion trainers. However, graded exercise test protocols to estimate peak oxygen consumption using elliptical motion trainers have not been developed for the general population.



- **118 Injuries in Elite Jamaican Netballers** P Singh, A Mansingh, W Palmer, EW Williams Injuries in Jamaican netball players are examined between two world championships over a fouryear span. Factors associated with injury prevention in the sport are evaluated.
- 122 Detection of Drug Resistant Mycobacterium tuberculosis among Patients with and without HIV Infection in a Rural Setting R Kurup, C George

This research establishes the sensitivity of the Griess nitrate reductase assay (NRA) and the Hain molecular line probe assay (LPA) in tuberculosis (TB)/HIV coinfected patients in Guyana. It also highlights the difference in sensitivities of the two drug susceptibility tests.

127 Child Abuse: A Common Problem in Curaçao?K Klein, AA Boersma, B Meyboom-de Jong, J de Bruijn

Child abuse, particularly physical abuse, is common in Curaçao. We investigated, through a questionnaire survey, the prevalence of child abuse among secondary/high school students in Curaçao.

135 Effect of Clopidogrel with or without Omeprazole in Patients with Carotid Artery Stenting B Ma, L Hang, G Chen, Y Du

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In our small study, patients with carotid artery stent placement who received dual antiplatelet therapy had a significant reduction in gastrointestinal bleeding with omeprazole use when compared to those without omeprazole. There was also no effect of concomitant use of omeprazole and clopidogrel on antiplatelet inhibition.

140 What is the Best Clothing to Prevent Heat and Cold Stress? Experiences with Thermal Manikin

Z Magyar, R Tamas

The present study confirms that suitable clothing is an important factor in avoiding heat and cold stress, and data from a thermal manikin can help predict this.

DENTAL FORUM

145 Comparative Study of the Osteoblastic Activity of Two Implant Systems (Endopore *versus* Entergra) Utilizing Single Photon Emission Computed Tomography (SPECT): Experimental Study in Pigs Model

C Ogunsalu, A Archibald, J Watkins, C Stoian, C Ezeokoli, H Daisley, C Legall, S Lorde, K Jackson, D Jaggernauth, A Nelson, N Mungal In this report, we describe the use of quantitative single photon emission computed tomography as a tool for comparing the osseointegrating capabilities of two types of implants. Results suggest that there is little difference in bone regeneration between the porous surface and screw type implants.

CASE REPORTS

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- 152 Boerhaave's Syndrome A Differential Diagnosis of Acute Chest Pain Following a Vomiting Illness S Sanka, A Gomez, R Heuschkel, K Krishnamurthy

154 Nasal Lipoma with Associated Abnormalities of the Corpus Callosum

S Sanka, K Krishnamurthy, A Vargas, C Yale

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