



# WEST INDIAN MEDICAL JOURNAL

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## ORIGINAL ARTICLES

### 1 **Dementia among Older Persons in Jamaica: Prevalence and Policy Implications**

D Eldemire-Shearer, K James, P Johnson, R Gibson, D Willie-Tyndale

*This paper described the prevalence of dementia in the ageing Jamaican population. There are service and policy implications given the increasing importance of providing health and social services for persons with dementia.*

### 9 **Determinants of Cervical Cancer Screening among Jamaican Women**

KA Barrett-Harrison, SR Priestley

*This study examined the association of six socio-demographic factors and three lifestyle practices with Pap smear testing among Jamaican women. Women who were poor and uneducated and had small family sizes were least likely to be screened and should be targeted.*

### 18 **Atypical Leiomyomas of the Uterus: A Clinicopathologic Study of 54 Cases and an Immunohistochemical Analysis of Ki-67 and p53**

EI Kaygusuz, H Çetiner, H Yavuz, CK Kocakusak, E Hacıhasanoglu, N Dursun, CG Mesci, MK Eken

*The aim of this study was to investigate clinicopathologic findings in 54 cases diagnosed with atypical leiomyomas (ALs) as well as Ki-67 and p53 expressions immunohistochemically. The authors believe that the patients diagnosed with 'AL with focal atypia-limited experience' should be diagnosed as AL.*

### 25 **A Retrospective Analysis of Patients Presenting with Head and Neck Paragangliomas at Two Tertiary Referral Centres in Jamaica**

P Brown, A Batchelor, H Ashman, G Channer

*Paragangliomas are rare, benign vascular tumours that can present in the head and neck region with a wide clinical spectrum. The clinical presentation and management approaches are examined from a Jamaican perspective.*

### 31 **Anthropometric Parameters: Obesity and Metabolic Risks for Non-communicable Diseases among Adolescent Swimmers**

SE Beckford, MC Webb

*A cohort of 220 swimmers in Trinidad and Tobago was selected via quota sampling and measured using anthropometric indices to assess obesity and metabolic risks for non-communicable diseases among adolescent swimmers.*

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**39 Dysphagia Incidence after Outpatient Anterior Cervical Surgery Using Instrumentation versus No Instrumentation**

KR Chin, FJR Pencle, AV Coombs, J Wheeler, JA Seale

*The medical records of patients who had undergone anterior cervical discectomy and fusion and anterior cervical discectomy were reviewed. There was no statistically significant difference in the clinical outcomes of neck disability index scores between the groups. The incidence of dysphagia was noted to be 12% in patients who had undergone anterior cervical discectomy and fusion compared to no instrumentation.*

**46 Labour Pain Management with Water Immersion**

JM Martínez-Galiano

*Pain in childbirth and its control is one of the main concerns of health workers. Immersion in water during labour seemed a useful, economical and safe method for the management of pain in childbirth.*

**52 Raynaud's Phenomenon: Its Prevalence in Systemic Sclerosis and Its Relationship with the Onset and with the Subsets of Systemic Sclerosis – An Experience from the Kashmir Valley, India**

T Arif, I Hassan

*Raynaud's phenomenon usually predates the onset of cutaneous involvement in systemic sclerosis, but it can occur simultaneously or even follow the skin changes. Its evolution in the two subsets of systemic sclerosis can be a clinical pointer to differentiate between them.*

**SHORT COMMUNICATION**

**57 Prevalence of Methicillin-resistant Staphylococcus aureus in the Surgical Wards of the Port-of-Spain General Hospital, Trinidad and Tobago**

MJ Ramdass, S Balliram, A Cadan, N Bhagyan, B Mohammed, R Singh, J Maharaj, A Boodram

*The prevalence of methicillin-resistant Staphylococcus aureus in the surgical wards of the Port-of-Spain General Hospital, Trinidad and Tobago, was found to be 39.5%. Risk factors*

*included the age range of 60–69 years, patients with co-morbidities, hospital stays of over one week, previous surgery and prior use of antibiotics.*

**DENTAL FORUM**

**60 Evaluation of Mechanical Properties of Various Nanofibre Reinforced Bis-GMA/TEGDMA Based Dental Composite Resins**

N Tokar, E Tokar, B Mavis, O Karacaer

*The mechanical properties of Nylon 6 (N6), polymethyl-metacrylate and polyvinylidene-difluoride (PVDF) nanofibre-reinforced dental composite resins were evaluated in this study. Polymethyl-metacrylate nanofibres dissolved in the resin, but N6 and PVDF nanofibres constituted fibre bridging across the matrix. All nanofibres enhanced the mechanical properties of dental composite resins compared to neat resin.*

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