



WEST INDIAN MEDICAL JOURNAL

Vol 69, No. 6: 377–461

Issue 6, 2021

ISSN 2309-5830

WIMJAD

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- 377 **Occupational Safety and Health in the Caribbean: Challenges and Opportunities for Achieving Development Goals**
Jacqueline P Duncan

ORIGINAL ARTICLES

- 379 **Microbial Isolates in Diabetic Foot Lesions of Hospitalized Patients at the University Hospital of the West Indies**
LA Chin-Harty, CA Walters, RA Wright-Pascoe, A Martin, K Roye-Green, EN Barton, MS Boyne
This is a retrospective analysis done on patients with diabetic foot. It looks at the isolated organisms and antibiotic susceptibilities. The results show that Gram positive organisms are most frequently isolated and the antibiotic regimes used should be effective.
- 385 **Factors Associated with High-grade Smear Positivity Levels in Pulmonary Tuberculosis**
M Taylan, S Yılmaz, M Demir, H Kaya, HS Sen, M Kabak, C Sezgi, MG Cetincakmak, M Coskunsel
The present study aimed to investigate the relationship between smear results, the clinical features and the levels of radiological involvement of tuberculosis (TB). The high-grade level of smear

acid-resistant bacilli positivity has been linked to increased infectiousness in pulmonary TB.

- 391 **Presence of Human Papillomavirus and Epstein–Barr Virus in Squamous Lesions of the Tongue**
K Başak, Ş Kayıpmaz, Hİ Köse, N Karadayı
Twenty-three tongue biopsies were detected immunohistochemically for p16, Epstein–Barr virus (EBV) and Ki67, and real-time PCR and chromogenic in-situ hybridization for human papillomavirus (HPV). Evidence suggested that HPV infection plays a role in the pathogenesis of squamous dysplasia localized on the tongue, but not EBV infections.
- 395 **The Role of Mean Platelet Volume as an Inflammatory Marker in Children with Allergic Rhinitis**
Ş Kutluğ, A Söğüt, Ş Paksu, R Sancak, N Murat, E Günbey, R Karlı
Although platelets are known to participate actively in both allergic and non-allergic types of inflammation, the mean platelet volume cannot be used as an indicator of inflammation in children with allergic rhinitis.

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- 399 Occult Chronic Functional Constipation: An Overlooked Cause of Reversible Hydronephrosis in Childhood**
K Akl
The present study showed that hydronephrosis may be secondary to occult constipation. The hydronephrosis was resolved after the treatment with laxatives. Prompt diagnosis is instrumental to avoid unnecessary investigations and procedures.
- 403 Retrospective Typology of Paediatric Emergency Visits in 1 Year in Sakarya, Turkey**
TM Alvur, N Cinar, D Kose, O Tiryaki
In this study, visits of newborns to the paediatric Emergency Department of Sakarya University Maternity and Paediatric Hospital during 2014 were because of non-serious diseases, mainly due to insufficient briefing during discharge and limitations of primary care.
- 409 How Appropriate are the Lengths of Syringe Needles Used for Subcutaneous Injections to the Children at School Age?**
S Kaba, M Doğan, K Bulan, A Yavuz, A Bora, M Didin, İ DüNDAR, N Demir, K Karaman, S Kocaman
This study showed that nowadays, relatively shorter pen needles compared with those previously used are recommended for subcutaneous insulin therapy. Currently, the available shortest pen needles for subcutaneous injections is 4 mm in length, each. Even when the shortest pen needle is used, the risk for intramuscular injection during subcutaneous injection is 50% in boys aged 6–8 years, while it is 25% in those aged 9–12 years and 13–17 years for each. It is 25% in all the three age groups among the girls. Smaller pen needles can help to achieve more accurate subcutaneous injections.
- 416 Effect of Using Methylphenidate on Salivary Flow Rate and Salivary Buffering Capacity in Children with Attention-deficit/Hyperactivity Disorder**
IO Kalyoncu, S Kurel, I Tanboga
We explored the effects of methylphenidate on oral health during treatment for attention-deficit/hyperactivity disorder. Results indicate that methylphenidate consumption in children with attention-deficit/hyperactivity disorder leads to
- reduced salivary buffering capacity and salivary flow rate after three months of follow-up.*
- 421 Food Insecurity Is Linked to Dietary Intake but Not Growth of Children in the Caribbean**
WA Mumena, I Francis-Granderson, LE Phillip, L Johnson-Down, K Gray-Donald
In this cross-sectional study among 390 Caribbean children, 24% of the children lived in food insecure households. Household food insecurity was associated with lower intake of protein and zinc, and anemia among children but not growth.
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