



# WEST INDIAN MEDICAL JOURNAL

## Special Issue HIV/AIDS

Vol 59, No. 4: 345 – 454

July, 2010

ISSN 0043-3144 WIMJAD

### 345 EDITORIAL

#### **HIV/AIDS: Various Issues Explored**

EN Barton

### ORIGINAL ARTICLES

#### **348 Male Circumcision and the Caribbean HIV Epidemic**

ND Duncan

*Advantages attributed to male circumcision include protection against a range of sexually transmitted diseases. The frequency of HIV transmission from females to males has been found to be reduced by male circumcision in regions of Sub-Saharan Africa. The relevance of these data to the Caribbean is explored.*

#### **351 Attitudes towards Male Circumcision among Attendees at a Sexually Transmitted Infection Clinic in Kingston, Jamaica**

JP Figueroa, C Jones-Cooper

*A survey of 198 attendees at a sexually transmitted infection clinic in Kingston, Jamaica, found limited knowledge of male circumcision or its benefits.*

#### **356 HIV/AIDS: Perceptions of the Grenadian Faith-based Community**

A Gomez, C Alexis-Thomas

*This exploratory study of the perceptions of the Grenadian Faith-based Community about HIV/AIDS and persons living with HIV/AIDS (PLHIV/AIDS) brought to the fore the multiple socio-economic and*

*cultural dimensions that underlie HIV/AIDS and that must be considered in prevention efforts as well as in the development of appropriate strategies to support PLHIV/AIDS.*

#### **362 Factors Associated with Pregnancies among HIV-positive Women-in a Prevention of Mother-to-child Transmission Programme**

YM Bah`him, OO Oguntibeju, HA Lewis, K Mokoena  
*Mother-to-child transmission of HIV is the major cause of HIV-infection in children especially in Africa and pregnancy among HIV-positive women is common among women on a prevention of HIV from mother-to-child transmission (PMTCT) programme and thus constitute a serious health risk to the child and to the general population. Results have shown that pregnant women on PMTCT programme seemed to know their HIV status prior to pregnancy and there are various factors associated with HIV-positive women becoming pregnant.*

#### **369 Depression among Persons Attending a HIV/AIDS Outpatient Clinic in Kingston, Jamaica**

TR Clarke, RC Gibson, G Barrow, WD Abel, EN Barton

*This paper reports on the prevalence of depression among patients attending a HIV/AIDS outpatient clinic in Kingston, Jamaica. It also explores the possible role of a number of clinical and sociodemographic factors*

*(Continued on inside front cover)*

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WN Gibbs 1996–1999

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in the relationship between HIV and depression. Recommendations for enhancing the timely detection of depression among persons living with HIV/AIDS are also discussed.

#### 374 Validation of the Beck Depression Inventory II in HIV-positive Patients

GE Lipps, GA Lowe, W De La Haye, S Longman-Mills, TR Clarke, EN Barton, B Bain

*The Beck Depression Inventory-II is one of the gold standard screening tools for depression. It was validated in a sample of HIV-positive patients in Jamaica. The scale has reasonably good concurrent validity and acceptable discriminant validity.*

#### 380 Patterns of Depressive Symptoms Among Patients with HIV Infection

W De La Haye, TR Clarke, G Lipps, GA Lowe, S Longman-Mills, EN Barton, B Bain

*Identifying depression among HIV-infected patients is challenging, due to the overlapping symptoms of both illnesses. This study identified the clusters of depressive symptoms associated with HIV-infection in a sample of patients.*

#### 386 Antibiotic Resistance among Pathogens Causing Disease in Jamaican Children with HIV/AIDS

PR Byam, RB Pierre, CDC Christie, WA Andiman, M Pettigrew, The Kingston Paediatric and Perinatal HIV/AIDS (KPAIDS) Study Group

*The prevalence and antibiotic susceptibility patterns of pathogens causing urinary tract infections (UTIs) and sepsis in a cohort of HIV-positive Jamaican children was determined. Cotrimoxazole is a poor choice for empiric treatment of sepsis and UTIs in this cohort.*

#### 393 An Analysis of Three Opportunistic Infections in an Outpatient HIV Clinic in Jamaica

G Barrow, TR Clarke, D Carrington, K Harvey, EN Barton

*This paper reports on the occurrence of HIV-associated opportunistic infections in 2007, among patients attending a HIV/AIDS outpatient clinic in Kingston, Jamaica. It also examines associations between several clinical variables and the occurrence of opportunistic infections.*

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**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://www.mona.uwi.edu/fms/wimj/www.scielo.org>, [www.bireme.br](http://www.bireme.br)

**Web Page:** <http://www.ojs.mona.uwi.edu/index.php/wimj>

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**Telephone:** (876) 927-1214 **Fax:** (876) 927-1846

**ANNUAL SUBSCRIPTION:** Overseas US\$150.00

Jamaica J\$8,900.00

West Indian Medical Journal

Published by the Faculty of Medical Sciences, The University of the West Indies, Mona, Jamaica, St Augustine, Trinidad and Tobago and School of Clinical Medicine and Research, Cave Hill, Barbados

- 400 Analysis of Resistance Testing in South Trinidad**  
N Duke, S Aboh, N Bosivert  
*Poor adherence to antiretroviral therapy can result in the development of multidrug resistant HIV. This can result in a need for salvage therapy. Darunavir, a new generation protease Inhibitor, is an essential part of this treatment modality.*
- 403 HIV-Related Sexual Risk Behaviours among Late-adolescent Jamaican Girls with Older Male Partners**  
EB Wood  
*With HIV becoming a growing problem among adolescent girls in the Caribbean, this study examined the HIV-related sexual risk behaviours of Jamaican late-adolescent girls who have male sexual partners who are two or more years older than themselves.*
- 409 Sociodemographics and Clinical Presentation of HIV in Jamaica Over 20 years**  
**A Comparative Analysis of Surveillance Data**  
J Duncan, Y Grant, TR Clarke, KM Harvey, RC Gibson, G Barrow, WD Abel, EN Barton, JP Figueroa  
*An analysis of Jamaica's HIV surveillance data showed improved timely diagnosis of HIV-infection and reduction in HIV morbidity over the last 2 decades.*
- 418 The Survey of HIV/AIDS Related Knowledge, Attitude and Behaviour among Migrant Peasant Workers in Middle City in China**  
J Li, X Hu, D Luo, L Xu, X Chen, X Li, D Jian, M Yi, H Xie  
*The education and prevention of HIV/AIDS in migrant peasant workers is of paramount importance to prevent the spread of HIV/AIDS disease in China.*
- 424 HIV Risk Factors among Pregnant Women in a Rural Nigerian Hospital**  
EA Etukumana, TD Thacher, AS Sagay  
*This cross-sectional study of 350 pregnant women in rural Nigeria demonstrated that HIV infection was independently associated with suspecting their partner of extramarital sex, post-primary education, multiple sexual partners and cigarette smoking by a partner.*
- 429 Knowledge and Perception of HIV Prevention Through Condom use among Midlife and Older Adults in Calabar, Nigeria**  
EE Philip-Ephraim, ANI Gyuse, NE Udonwa, EJ Peters, CC Anyanechi  
*There should be more effort on the publicity of HIV/AIDS infection targeted to midlife and older adults.*
- 434 HIV Seroprevalence among Hospital Inpatients with Neuropsychiatric and other Central Nervous System Disorders**  
RC Gibson, S Jackson, WD Abel, R Wright-Pascoe, TR Clarke, DT Gilbert, EN Barton  
*This paper reports on the seroprevalence of HIV among hospital inpatients whose principal diagnosis was a neuropsychiatric or other central nervous system (CNS) disorder. The low prevalence in neuropsychiatric patients and the strong association with CNS infections are discussed.*
- 439 Response to First Line HAART using CD4 cell counts: Experience in a University Hospital in Kingston**  
TR Clarke, G Barrow, D Thompson, R Gibson, K Harvey, EN Barton  
*The recommended guidelines were adhered to for the majority of patients and outcomes were similar to those in developed countries.*
- 445 Disclosure of HIV Status among HIV Clinic Attendees in Jamaica**  
TR Clarke, R Gibson, G Barrow, S James, WD Abel, EN Barton  
*There is a low disclosure rate among HIV clinic attendees. There is a need for prevention interventions focussed on de-stigmatization for both infected and non-infected persons.*
- 450 Death of a HIV-infected Homosexual from Nitrite Inhalants (Poppers)**  
M Stefanidou, I Lefkidou, C Lefkidis, C Spiliopoulou, C Maravelias  
*This is a case report of a homosexual man, with HIV infection, who had used poppers and had a myocardial infarction. Clinicians and the gay press should discourage the use of poppers.*
- LETTER TO THE EDITOR**
- 453 A Possible Case of Spinal Tuberculosis in a HIV-positive male**  
TR Clarke, G Barrow, DT Gilbert, EN Barton