Drug Resistance Testing in HIV Infected Individuals on Treatment and Naive: Implications on Treatment Outcome

Published On: September 25, 2015 | Pages: 062 - 068

Author(s): Winfrida Cheriro, Gideon Kikuvi, Simeon Mining, Wilfred Emonyi, Erick Rutto, Elijah Songok and Michael Kiptoo*

Background: The Government of Kenya started offering ART in the public sector since 2003. Despite the dramatic reduction in AIDS related morbidity and mortality, the emergence and spread of drug resistance (DR) threatens to negatively impact on treatment regimens and compromise efforts to control the epidemic. Therefore, there is a need for information on the situatio ...
Background: In high-income countries, viral load is routinely used for monitoring HIV patients on antiretroviral therapy for early detection of drug failure. This is not the case in most resource limited settings like ours where only WHO immunological and clinical criteria are used for monitoring. This study is aimed at determining the rate/time of failure to 1st and ...

Nutritional Supplementation in HIV-Infected Children: A Review

The nutritional status of HIV-infected children in terms of anthropometric indices and micronutrient concentrations is commonly compromised. Malnutrition is a risk factor for mortality at initiation of highly active antiretroviral therapy (HAART). The role of HAART is pivotal in the management of HIV-infected children. Treatment with HAART has been shown to decrease m ...

Adherence to Early Infant Diagnosis Testing Algorithm, a Challenge to Early Infant Diagnosis Program in Resource Limited Settings of Uganda

Author(s): Charles Kiyaga*, Helen H Lee and Jean-Pierre Allain
Introduction: Early Infant Diagnosis (EID) targeting HIV exposed infants, happens over a period of time (6 weeks up to 18 months), and employs different testing technologies at different testing time points. Being a process that is implemented over time and employing different testing technologies, a testing algorithm was designed to ensure reliable final diagnosis. Th ...

Short Communication

Pseudomembranous Candidiasis Indicates High Level Drug Resistance among Patients on Antiretroviral Treatment in Nairobi East District, Kenya

Published On: July 23, 2015 | Pages: 040 - 044

Author(s): Koyio LN, van der Sanden WJM, Jan Mulder, Dimba EO, Creugers NHJ, Merkx TMAW, Stelma FF and van der Ven Andre JAM*

Objectives: The aim of this study was to determine antiretroviral drug resistance patterns in patients on long-term antiretroviral therapy presenting with OPC. Methods: An exploratory survey was performed among HIV-infected patients on ART for minimum of 24 months presenting with OPC in Nairobi, Kenya. ...