

LOW BODY MASS INDEX AS RISK FACTOR FOR ANTIRETROVIRAL DRUG RELATED LIVER INJURY AMONG HIV PATIENTS

Dr. Benny Budima

Department of Internal Medicine.

**Abstract:**

Antiretroviral drug-related liver injury (ARLI) is a drug induced hepatotoxicity due to antiretroviral drugs (ARV). Antiretroviral drug-related liver injury (ARLI) is a common cause of morbidity, mortality and treatment discontinuation in HIV-infected patients. Several studies have described predisposing factors for ARLI, including body mass index (BMI) and cluster of differentiation 4 (CD4). The association between BMI and CD4 with ARLI remains unclear as some studies demonstrated different outcomes. This study is conducted to assess the association between low baseline BMI and CD4 cell count as risk factors for ARLI.

This is a clinical epidemiology study with cross-sectional design. Subjects are 75 HIV-AIDS patients on ARV therapy, in form of fixed dose combination drug (tenofovir, lamivudine, efavirenz), in HIV clinic (Teratai) Hasan Sadikin Hospital Bandung. Alanine aminotransferase (ALT) examination was done before starting ARV and repeated in the sixth month of therapy.

**Biography:**

Dr. Benny Budiman has completed his Ph.D at the age of 34 years from Indian Agricultural Research Institute (IARI) and Postdoctoral studies from International Centre for Genetic Engineering & Biotechnology (ICGEB), New Delhi, India. He is the Professor and Chairman of Department of Biotechnology, Sher-e-Bangla Agricultural University, and an excellent agricultural university of Bangladesh. He has published more than 50 papers in reputed journals.

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Publication:

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