STD-AIDS-2013

OMICS Group Conferences
Accelerating Scientific Discovery

International Conference on
HIV/AIDS, STDs, & STIs

October 24-25, 2013 Orlando, FL, USA

Incidence and predictive factors of depression among patients with HIV infection in Guadeloupe

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Abstract

Objective*:* To describe the main AIDS-defining events in Guadeloupe and to compare them with those observed in Metropolitan France and in French Guiana.

Design*:* We therefore conducted the present retrospective cohort study. Patients were enrolled in the Guadeloupe section of French Hospital Database for HIV (GFHDH).

Methods*:* Single failure Cox proportional hazards models were used with various AIDS defining infections as the failure variables.

Results*:* Results showed that, in the HAART era in Guadeloupe, esophageal candidiasis was the most frequent opportunist infection, followed by HIV-wasting syndrome, pneumocystosis, toxoplasmosis and tuberculosis. The comparison of the top 10 AIDS-defining diseases between French Guiana, Metropolitan France and Guadeloupe shows some important differences.

Conclusions: We discuss the local pathogen ecology, the diagnosis limitations of hospitals in overseas territories, and the drivers of the epidemic.

Key-words: HIV-infected patients, AIDS, Guadeloupe