

ENT COMPLICATIONS AMONG HIV PATIENTS - FIVE YEAR COHORT STUDY

MITTA SREENIVASULU

Formerly Associate Professor, ENT Government Medical College, Anantapur, Andhra Pradesh, India

ABSTRACT

A very limited literature is available to discuss the various complications and treatment options for HIV infected HAART patients which could be very useful for policy makers for implementation of new innovative programme at national and global level. In the above proximity of research, the present study aims to correlate the ENT complications with respect to the CD4 count at inception of HAART and follow up period. A retrospective and prospective study was done at Government Medical College, Anantapur, Andhra Pradesh. A total 70 PLHIV on HAART admitted cases data were collected from the pretested questionnaires and clinical diagnosis and history of the patients were extracted from the case reports. The data was processed using statistical software (SPSS 17) Pearson chi square test and independent t-test were used wherever applicable for test of significance. The complications were correlated to the CD4 count of PLHIV, the results eventually related to the different manifestations of ENT, the Oral candidiasis (21.0%), Generalized lymphadenopathy (5.0%), Neck mass (3.0%), Mycobacterium tuberculosis (15.0%), Mycobacterium avium (10.0%), Parotid gland cyst (2.5%), Bell's palsy (1.50%), Acute AND chronic rhinosinusitis (3.63%) and Adenoid hypertrophy (4.50%). The ENT manifestation is found in both initial and advance stage of HAART therapy with lower CD4 count.

KEYWORDS: *Manifestation, HAART Therapy, CD4 Count, PLHIV*

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