

GLOBAL MEDICAL MICROBIOLOGY SUMMIT & EXPO

November 28-29, 2016 San Francisco, USA

Trends in HIV associated TB in Benin City, Nigeria

Oronsaye F E¹ and Egbagbe E E²

¹University of Benin, Nigeria

²University of Benin Teaching Hospital, Nigeria

Objectives: To determine the trend in sero prevalence of HIV-associated Tuberculosis (TB) in Benin City, Nigeria from 1990-1999. Patients suffering from HIV infection are prone to attack by various organisms because their highly compromised immune system. Treatment of TB has been of serious worry to Clinical Bacteriologist. Therefore to be co-infected with the dreaded HIV/AIDS compounds the health problem of such patients. Quaranting such patients is a faster way of treatment and prevention of spread of the disease to others. The documentation of such cases becomes of public health advantage both for epidemiological and statistical details.

Methods: A prospective record was kept of WHO presented of symptoms suggestive of TB at the health centers. Patients confirmed to be TB infected by presence of acid and alcohol fast bacilli (AAFB) by Ziehl Neelsen (ZN) staining method, of their sputa were screened for HIV antibodies.

Results: This study revealed a rising trend in HIV and TB co-infection from 0% in 1990-1992 to 2% in 1993/1994 and 1999 the prevalence has increased to 3.5 from 2.8% in 1998. More males than females were infected with a ration of 1.5:1. The highest prevalence was observed among individuals aged 20-49 years.

Conclusion: Our presentation highlighted the magnitude of the problem with HIV-associated TB infection in this city.

Biography

Francis Oronsaye is presently working as an associate professor at University of Benin, Nigeria from where he pursued PhD in Medical Microbiology. After attaining doctorate, he served in various positions including lecturer, senior lecturer and principal investigator for various projects involved in the same university. He has attended more than 20 international conferences and delivered talks in his field of expertise. He is a member of International Research and Development Institute and American Society of Tropical Medicine and Hygiene. He has published more than 50 research articles in peer-reviewed journals. He was also successful in designing a lotion for treating all kinds of superficial infections of bacterial and fungal origin. It is currently undergoing toxicology testing and is also awaiting NAFDAC registration.

sayfrankon@yahoo.com

Notes: