ABSTRACT:

A significant number of deceases, 16 million unnecessary days of hospital stay and large amounts of spending is caused by Healthcare-Associated Infections (HCAI), according to the World Health Organization (WHO) [1]. Major effort has been put into improving hand hygiene standards for healthcare providers (HCP) to manage hospital internal sources of contamination. In recent years strains such as Staphylococcus aureus and methicillin-resistant Staphylococcus aureus (MRSA) present an increasingly hard challenge to hospital hygiene because their spread cannot be reliably prevented by antibiotics. Life science industry representatives (IR) may escalate this problem: They often work on site in close contact to patients and HCPs are present during surgeries and other treatment. Additionally the IR visit several hospitals in a day and may carry contaminations from one site to another. There is urgent need to elucidate whether these IR exhibit similar contamination levels as HCP [2]. HCP are known to carry a higher risk than the general public, where the prevalence is 20/100 and 2.2/100 for S. aureus and MRSA respectively [3]. If similar levels can be detected revision of procedures and standards is indicated to combat HCAIs and protect patients, hospital workers and external staff [2].

In the present study I analyze and compare the contamination of IRs and HCPs with S. aureus and MRSA after sharing the same environment for more than four hours.

Biography:

Biniyam Endeshaw is completed Bsc nursing degree at rift valley university adiss abeba the age of 26yrs and I have dental hygienist cours at mcm hospital I am working at yerer hospital and I am a director of yerer hospital I am publish more than 8 paper in health seactor.

Publications:

1. ChemInform Abstract: Synthesis and NMR Study of Epimeric Pairs of 2,3-Dihydro- and 2,3,6,7-Tetrahydro-tabersonine and Their Derivatives.
2. Partial synthesis of new indole alkaloid derivatives with biological activity starting from plant material.

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