**Analyze the frequency of Handwashing by Nurses in a Hospital.**

**Name**

**Affiliation**

**Date**

**Research Topic**

The research topic is to analyze the frequency of Handwashing by Nurses in a Hospital.

**Background**

Hospital infection remains a serious public health problem throughout the world. Among its main measures of prevention and control is hand washing, which is an important instrument for reducing its rates. A study showed that the transfer of gram-negative bacilli to the patient through the hands of nurses was 17% with an alcohol-based manual rinse versus 92% when hand hygiene was performed with soap and water. This indicates that when the hands of sanitary personnel are heavily contaminated.

**Problem Statement**

Each patient in Hospital is open to some microbial agents throughout their hospitalization. The interaction amongst the nurses and patient, in itself, doesn’t essentially produce clinical illness, since there are other issues that affect the frequency and nature of nosocomial infections, but can lead to various diseases and allow the dissemination of these pathogens with epidemiological relevance in health centers. Infection by any of these microorganisms can be transmitted by an inert object or by dirty substances from another human. The use of a maximum level of hygiene in all care work is essential to reduce both the cross-transmission of any infectious agent. Therefore, this descriptive study of a quantitative nature has an approach aimed at analyzing the frequency of hand washing by nurses in 'The Mount Sinai Hospital', located in the city of New York, USA. After approval from the Hospital, the study will be started using a questionnaire as a tool for data collection with open and closed questions about the practice of washing hands.

**Research Question**

To measure the frequency of hand washing by nurses in 'The Mount Sinai Hospital' of New York.

## References

Mathur, P. (2011). Hand hygiene: Back to the basics of infection control. Retrieved from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3249958/

Randle, J., & Vaughan, N. (2010). P09.06 A longitudinal study of hospital hand hygiene adherence. *Journal Of Hospital Infection*, *76*, S29. doi: 10.1016/s0195-6701(10)60096-5