



Employee Vaccination Data Evaluation

By: Monika Sharma



INTRODUCTION:

Health care professional are a high risk group for Hepatitis B and are advised vaccination against hepatitis B. Vaccinated individuals having an anti-Hbs level 10 mIU/ml or more are generally considered protective. Individuals with titer <10 mIU/mL were advised full three doses of vaccine.

AIM: To Evaluate Employee Vaccination Data

OBJECTIVES:

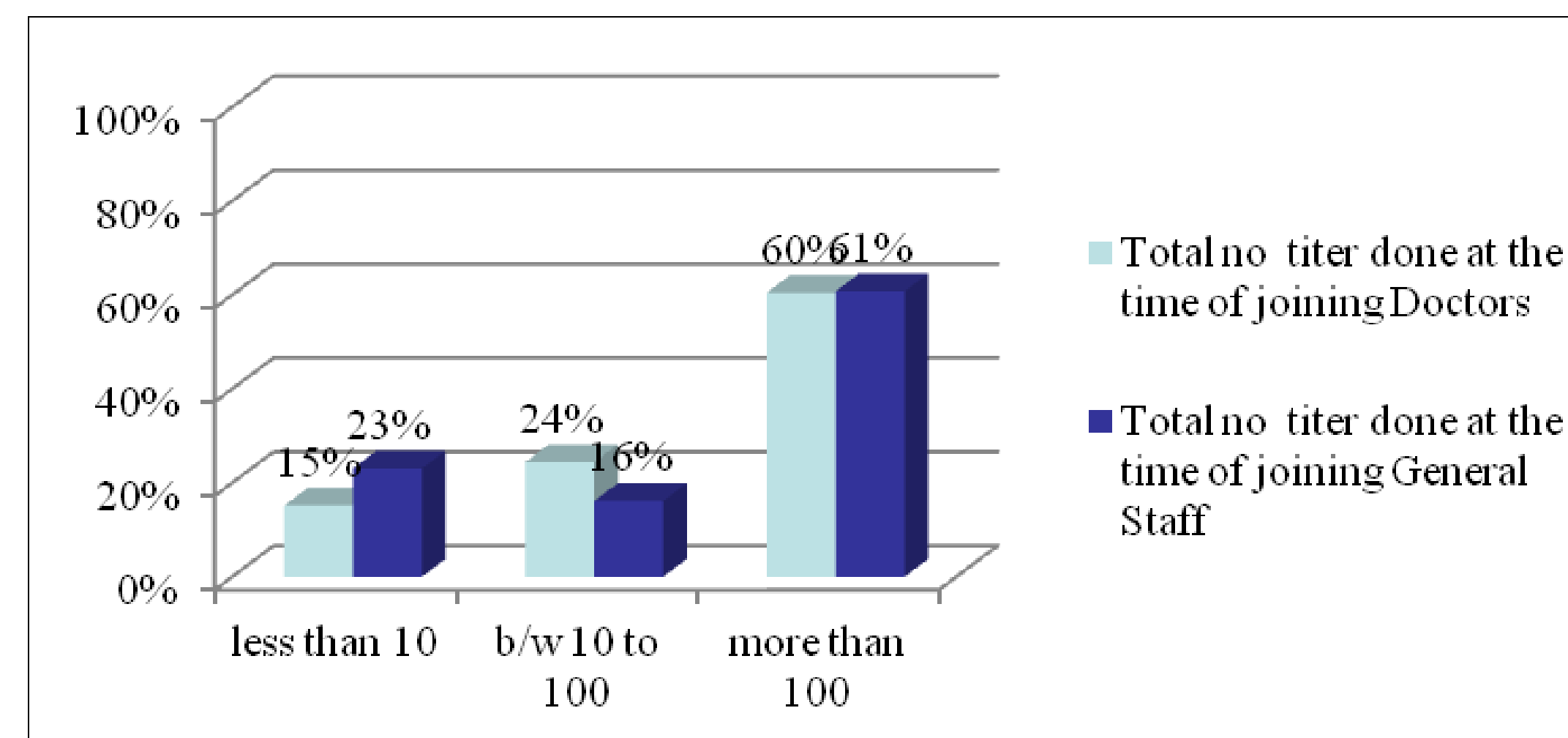
- . To Categorize Employees as per their Titer value.
- . To identify Employees who have not undergone Health Checkup since joining.
- . To identify Employees who need Anti HbS Quantitative for the upcoming year.
- . Create an IT based Module to generate yearly report for Booster dose & Anti HbS Quantitative.
- . Cost Benefit for Organization by conducting Anti HBs Quantitative only for those who requires Booster dose and titer.

RESEARCH METHODOLOGY:

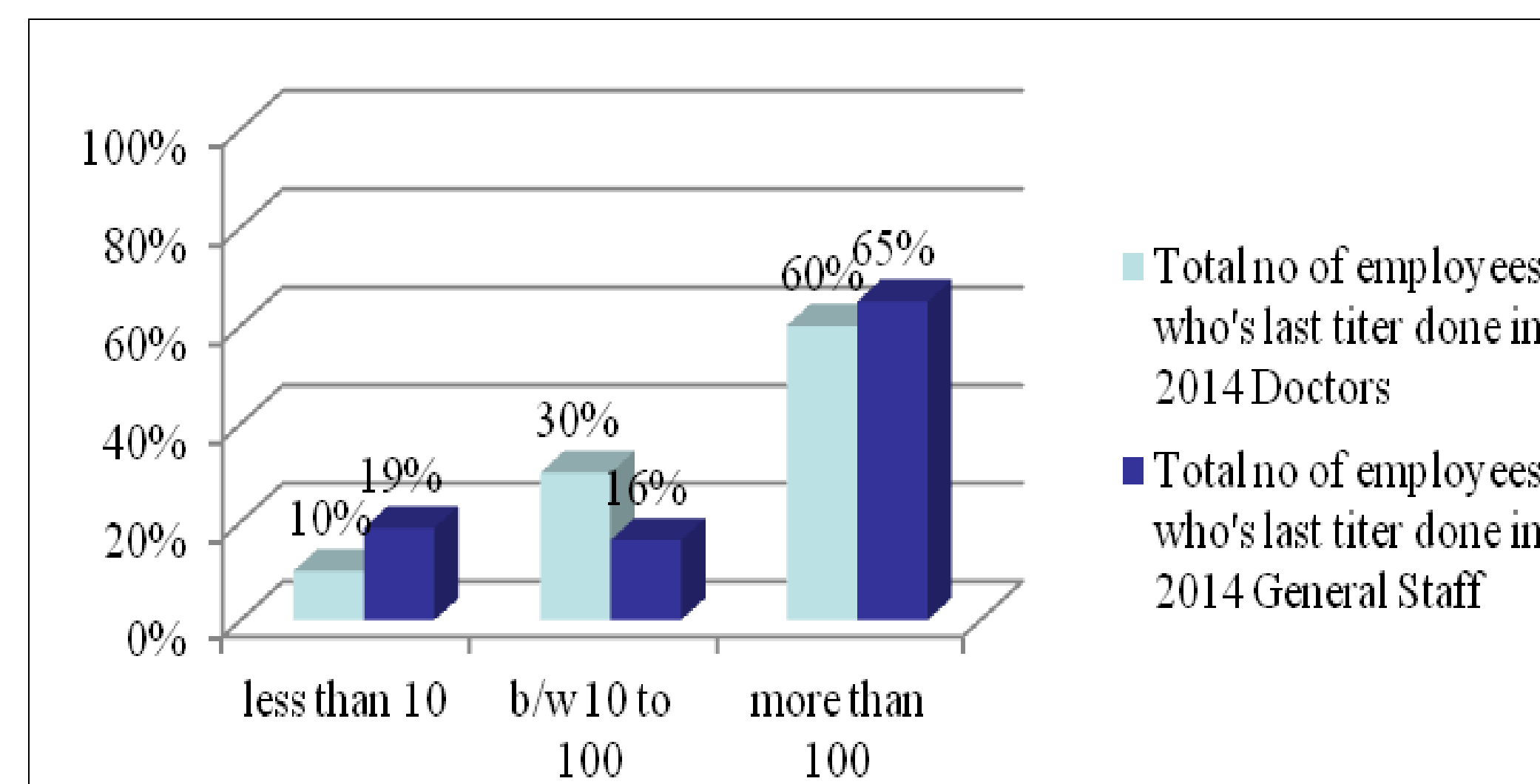
- . **Research Design:** -Quantitative Research.
- . **Data Collection:** -Data Type is Secondary Data. Data is collected through the Employees Documentation Files of the Organization.
- . **Research Sample:-**
- . **Sampling Unit:-**Employees of Asian Hospital working in Clinical Areas.
- . **Sample Size:-** 680
- . **Study Type:** -Analytical & Retrospective study.
- . **Data Analysis Tools & Techniques:** Checklist , Employee Records ,Excel.

KEY FINDINGS:

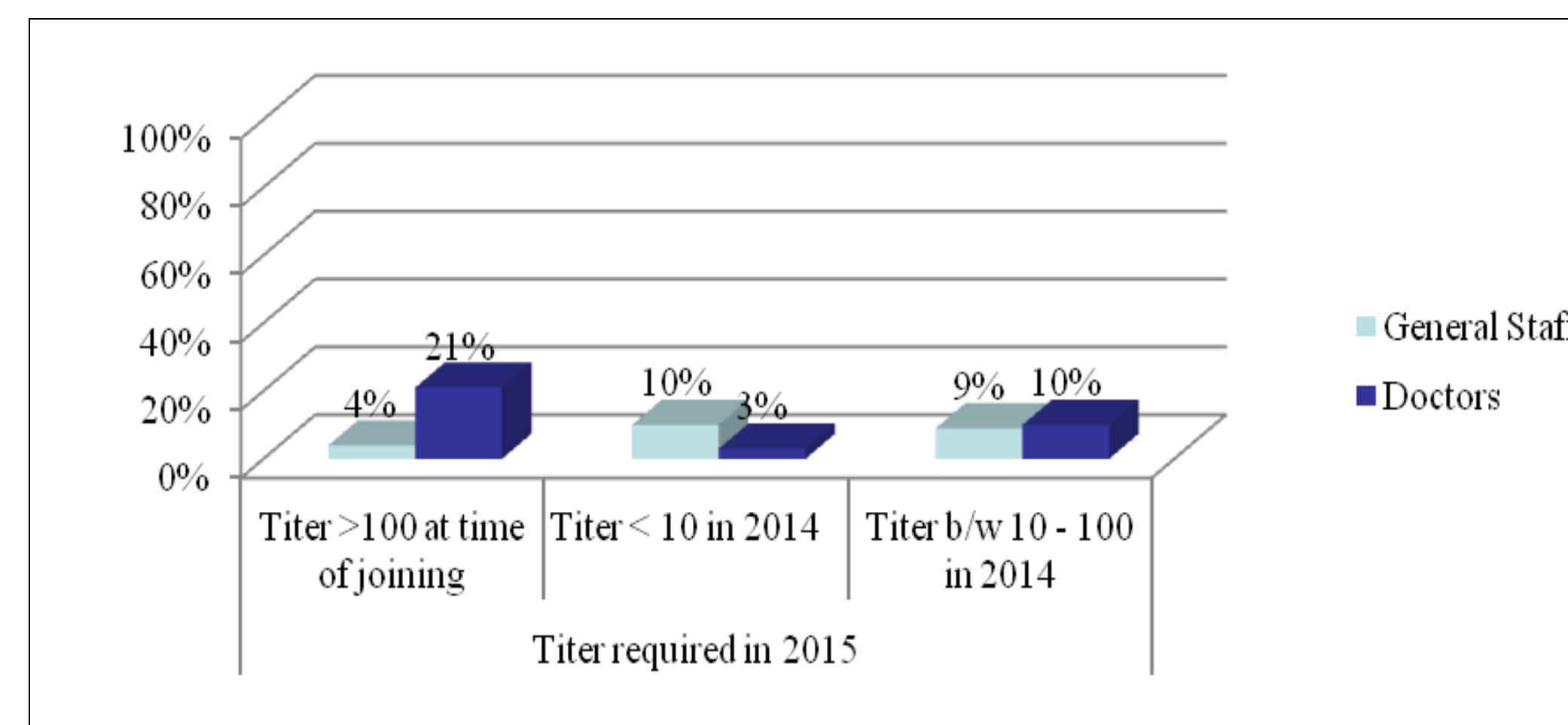
Staff who's Anti HBs done at the time of joining



Staff who's Anti HBs done in 2014



Titer required in 2015



RESULT:

All the Healthcare workers who are at continuous exposure to HBV, it is reasonable to determine the anti HBsAb response at one month post vaccination. However, in order to confirm the persistence of immune protection, we strongly suggest detection of the anti-HBsAb titer at 5 years after the last inoculation. So, the revaccination schedule could be arranged on the basis of personal need without incurring the cost of re-vaccination for the whole target population. To further enhance the process an IT based module should be created by the Organization to generate yearly report for Booster & Anti HbS Quantitative.

RECOMMENDATIONS:

- 1.The organization should conduct Anti Hbs Quantitative test for employees who have titer value above 100 only after 5 years.
- 2.Organization should develop an IT based Vaccination tracker for all employees to generate an annual report regarding Anti Hbs Quantitative of employees.
- 3.The responsibility to maintain the Tracker Module should lie with the HR Department of the organization for regular update .

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