

ASSESSMENT OF NEWBORN CARE STABILIZATION UNITS OF PUBLIC HEALTHCARE FACILITIES IN BIHAR



Submitted by: Rahul Gupta, Roll No.: 0635
Guided by: Dr. Neetu Purohit



INTRODUCTION

NBSU is a facility within or in close proximity of the maternity ward where unwell and low birth weight newborns can be cared for during short periods. NBSU is present at : Community health center (CHC) / First referral unit (FRU). The services to be provided by NBSU at the time of birth of the normal newborn are, prevention of infection, provision of warmth, resuscitation, early initiation of breastfeeding. Services provided to the sick newborn are, management of low birth weight infants with no other complication, phototherapy for newborn with neonatal jaundice, management of newborn sepsis, stabilization and referral of sick newborns and immunization services.

OBJECTIVE

- General Objective**
To assess the new-born care stabilization units of the public healthcare facilities in various districts of Bihar.
- Specific Objective**
To assess the human resource of the newborn care stabilization units.
To assess the availability of essential equipment and drugs in the newborn stabilization units.
To assess the infection control measures at newborn care stabilization units.

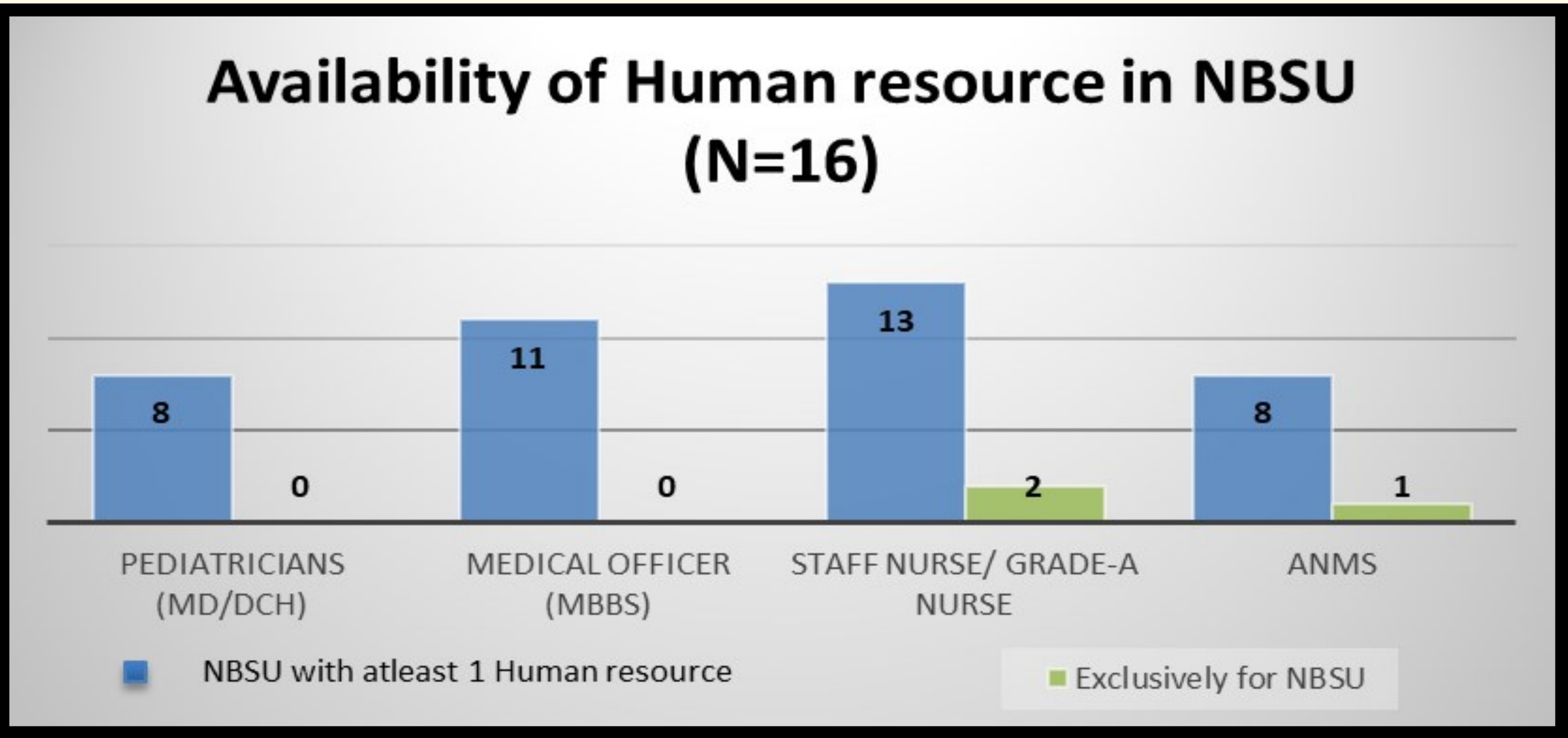
METHODOLOGY

- Study Area:** The study was carried out in 16 SDH/FRU of 16 districts of Bihar where NBSU were established.
- Duration of the study:** 2 months (from 9th April, 2018 to 2nd June, 2018)
- Primary data collection:** Structured questionnaire through computer assisted personal interview (CAPI).
- Target Population:** NBSU health personnel (doctors, nurses, ANMs) .

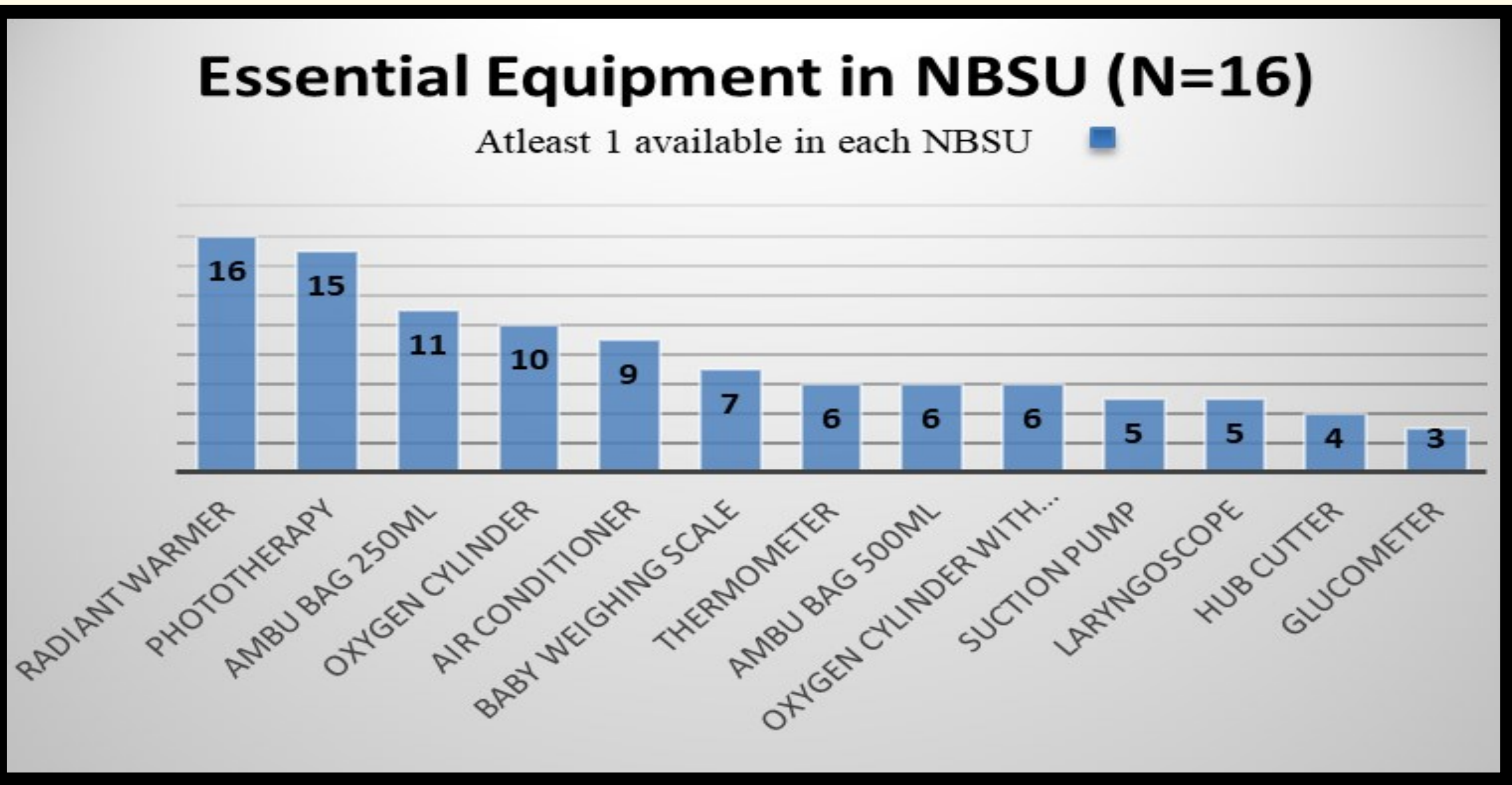
RECOMMENDATIONS

1. Mandated number of health personnel should be appointed exclusively for the NBSU.
2. Adequate amount of equipment, essential drugs should be available in the NBSU according to the norms.
3. Training session should be organized on infection control for the health personnel of NBSU.

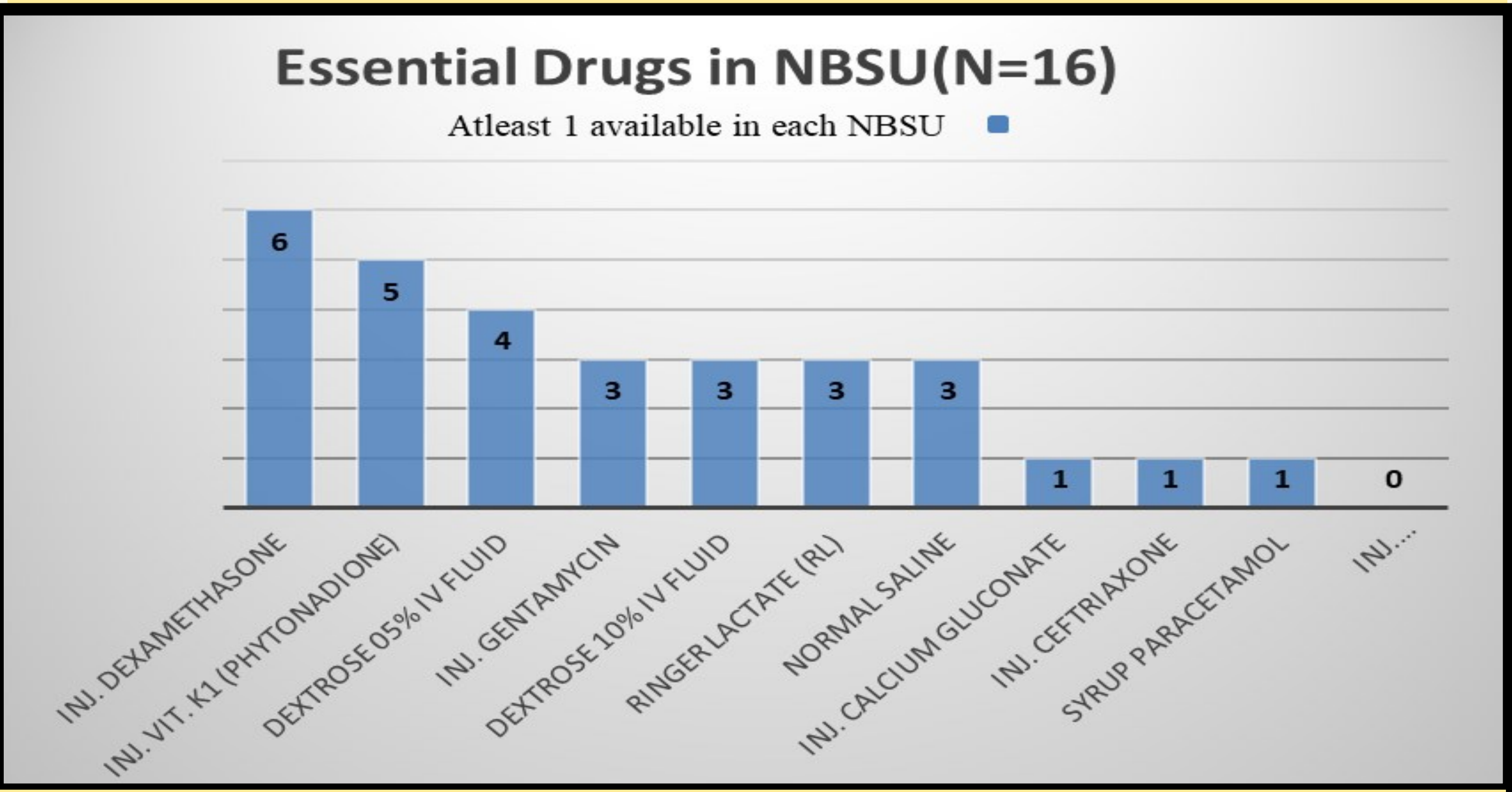
FINDINGS



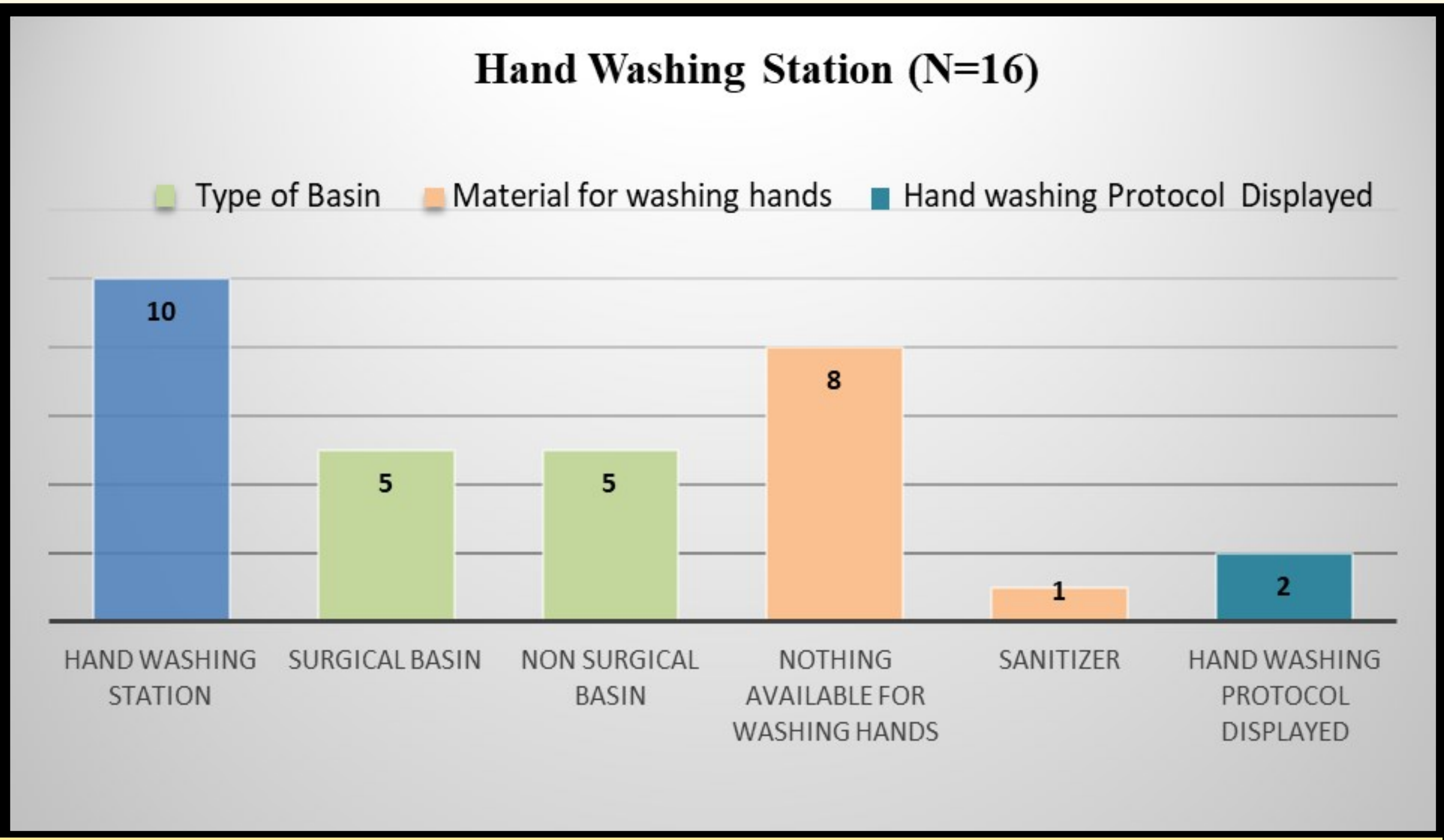
There was a lack of human resource in majority of the NBSU



Majority of the essential equipment were missing in the NBSU.



There was a severe inadequacy of essential drugs such as antibiotics, paracetamol etc.



Almost half of the NBSU neither had any material nor protocol displayed for washing hands.