

**PERCEPTION OF BASIC HEALTH STAFF ON HEALTH MANAGEMENT INFORMATION SYSTEM
AT URBAN HEALTH FACILITIES OF WEST DISTRICT IN YANGON REGION**

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ABSTRACT

The cross-sectional descriptive study was carried out in urban health centers of west district in Yangon region aiming to describe the perception of Basic Health Staff (BHS) on Health Management Information System (HMIS). Altogether 112 BHS were recruited for this study. The study used the pretested semi-structured questionnaires concerning with socio-demographic characteristics, knowledge, perception and practice of BHS on HMIS. Reviewing last month report form A (September, 2016) and clinic register was done for assessing their practice. The mean age of BHS was 41 ± 10.68 years and majority was female. Most of the respondent had more than ten years service and 60% got training on HMIS. More than half of the respondents cannot describe the detail definition of HMIS although they got training on HMIS. It was found out that the knowledge level of BHS on HMIS was relatively low in the study area. Only 1.8% had high knowledge level among 112 BHS. Almost all respondents (97.3%) had positive perception towards HMIS and they pointed out that the current HMIS was needed to be simplified and they had desire to change computerized reporting system. The perception of BHS towards HMIS had significant association with service year. Most of the respondents had good practice regarding immediate recording, checking completeness of reports, checking data correctness between register and report, signing reports. Checking the practice of BHS on individual monthly report was done by observation check list with eight components. None of the report was 100% completed. Both knowledge and practice of BHS on HMIS had a significant association with training. As HMIS is one of the building blocks in health system, these finding could provide baseline information for health planner and decision maker for future development of health information system and capacity building for BHS.