

## ABSTRACT

The under five mortality rate is recognized as a sensitive measure of the status of child health, and the causes of death of under five children reflect the impacts of health and related interventions. The study is a hospital base cross-sectional descriptive study. This study will be intended to find out under five mortality at Yangon Children Hospital in 2008 by reviewing the data from Yangon Children Hospital. As primary data collection might not be completed during my study period, and 2009 is not far away from 2015, so that, 2008 is the most possible recent period for the best information. By using the secondary data, we can identify total number of under five children and monthly under five mortality, determine the major cause of death among admitted cases by specific age group, explore medical record review of under five deaths. After reviewing and analyzing the data, the findings showed that one third of total admission was under one (infant) admission. Under five mortality was 83 % of total child deaths of children. Total admissions in Yangon Children Hospital in 2008 is steadily increasing from January to June and then declining trend from October to December. The common leading causes of under five deaths are septicaemia (20.4%), acute respiratory tract infection (11.9%), prematurity (11.2%), meningitis (7.4 %), gastroenteritis (7.2 %), congenital heart disease (6.2 %) and birth asphyxia (5.7%). In this study, among 287 neonatal deaths, 69.3% are full term delivery. 87.8 % of neonatal deaths are born by normal spontaneous vaginal delivery. 65.9 % of neonatal deaths are born by skilled persons such as mid-wife, nurse, doctor and Obstetric and Gynecologist. The rest are born by traditional birth attendants (TBA). Thus, birth attended by traditional birth attendants (TBA) was played an important role in infant mortality. 64.1 % of neonatal deaths have history of ante-natal care, 57.5 % have history of immunization which means tetanus toxoid (two doses completed) during pregnancy. More than half, about 56 % of neonatal deaths are home delivery.