Improve Hand Hygiene: Significant Reduction Among Neonatal Sepsis.

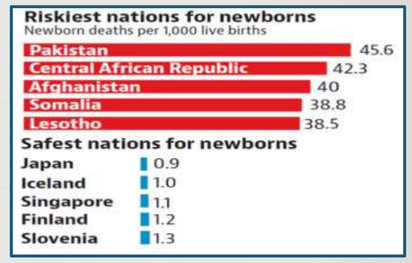
FACULTY OF NURSING & MIDWIFERY
ZIAUDDIN UNIVERSITY

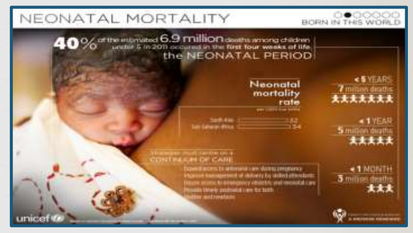
Author: Jonathan Johnson BSN, MSc HPM

Background

Demographic profile of the district Jamshoro has a population of around 993142 in the year 2017. Major health issues faced by the district are increasing burden of maternal and child health issues, and raise of communicable and non-communicable diseases. District literature has highlighted the burden of neonatal sepsis has is the most significant cause of neonatal deaths.

Most recently, in 2019 the UNICEF has estimated 5.2 million children under 5 years of age died, mostly from preventable and treatable causes. A study of Pakistan 2015, reported the that the rate of sepsis among premature neonate is 39 percent. Moreover, the report of USAID shared analytical profile of Jamshoro 2013, reported they were 55 deaths out of 1000 birth of neonates and it is still statics for the last 22 years. The aim of this paper to highlight the importance of low cost hand hygiene practice towards neonate sepsis reduction.





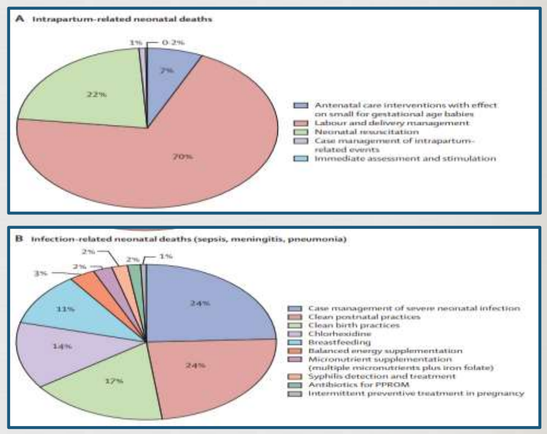
Methodology:

It is a literature based review articles. The search was conducted via exploration of electronic data base. For National data, Regional reports like USAID was reviewed. These reviews were related to the infection in neonates which reported from the unhygienic cord care practices in birth attendants and midwives.



Result:

In the nutshell, infection prevention is paramount towards decreasing neonatal death rate. 70 percent of the infections can easily be decreased via proper hand hygiene at the time of labor and delivery. Studies has also report the use of chlorhexidine has significant reduction in the infection transmission rate. On the other hand, Practice of hand hygiene among health care providers played a vital role on the road to achieve neonatal health. It was suggested that the provision of low cost (chlorhexidine) health washing solution can improve health outcomes of neonate.



References

Pakistan Bureau of Statistics. (n.d.). Retrieved from http://www.pbs.gov.pk/

Health Situation in Jamshoro, an analytical profile – Report by USAID, JSI and GoP

World is failing newborn babies, says UNICEF. (2018, February 20). Retrieved from https://www.unicef.org/media/media_102677.html

National Institute of Population Studies [Pakistan] and ICF International. 2013. Pakistan Demographic and Health Survey 2012-13. Calverton, Maryland, USA: National Institute of Population Studies and ICF International

Bhutta ZA, Das JK, Bahl R, Lawn JE, Salam RA, Paul VK, Sankar MJ, Blencowe H, Rizvi A, Chou VB, Walker N. Can available interventions end preventable deaths in mothers, newborn babies, and stillbirths, and at what cost?. The Lancet. 2014 Jul 26;384(9940):347-70.

District Health Department, Jamshoro, 2014.