

ABSTRACT

The number of baby death is increasing. One of the aim that want to achieved by Indonesian Health Ministry on 2014 is decreasing infant death to 24 of 1000 life birth. Prevalence of infant birth with underweight is inceasing too. The The aim of this study is to form capacity planning appropriate with demand and supply to decrease the number of net death rate and infant underweight's death.

The study is done by observational study. This was a crosssectional study with qualitative approach. Unit analysis of this study is neonatal unit. Informant in this study are The Head of Nursery and Education, The Head of Infant Room, and nurses in neonatal room. Moreover datas got from registration book in infant room, employee department, and training department.

The result of this study are demand estimated in neonatal room on 2014 is 1.293 patients and 1.627 patients on 2015. Estimation for the big ten of diseases in infant room on 2014-2015 are: infection risk, middle asphixia, infant underweight, severe asphixia, hyperbilirubin, ichterus neonatorum, anemi, septicaemia, dehidration, and febris obstruction. The number of pediatricians are enough. The number of nurses are enough to response demand on 2014 but still less to response demand on 2015. The number of midwives are less to response demand on 2014-2015. Trainings that followed by pediatricians, nurses, and midwives didn't compatible in quantity and quality. The width and capacity of nursing care room is not yet appropriate with Indonesian Health Ministry standard but the number of bed already appropriate. Medical instrument in infant room is not yet appropriated with Indonesian Health Ministry standard.

The conclusion of this study are: the women's role as wife should be increased in order to save both mother and baby condition during pregnancy, the regulation of patient reference from others health care need to be upgrading with judgement from standard reference of neonatus high risk, government policy, and public's social and economy condition, in order to increase the quality service of neonatal room, so neonatal room RSUD Dr. Wahidin Sudiro Husodo Kota Mojokerto can propose neonatal room RSUD Sidoarjo as an example, recommendation of capacity planning from this study may add to the hospital Plan of Action on 2015. So, it can decrease the number of *Net Death Rate* (NDR) and the number of neonatal underweight's death.

Keywords: Capacity Planning, Neonatus, Net Death Rate