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**Neonatal mortality profile in the neonatal intensive care unit of Wangaya General Hospital**

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**Introduction & Objective:** Neonatal mortality rate is one of several indicators associated with child health status. The majority of the neonatal deaths are occurring in the first day and week, with about 1 million dying on the first day and close to one million dying within the next six days. According to WHO, the most common cause of neonatal death worldwide were infection (36%), preterm birth (28%) and birth asphyxia (23%). The most common cause of neonatal death in Indonesia is low birth weight and asphyxia. The objective of the study is to assess the common causes of neonatal death in the Neonatal Intensive Care Unit (NICU) of Wangaya General Hospital.

**Method:** It is a descriptive study with a cross-sectional design conducted in the Neonatal Intensive Care Unit (NICU) of Wangaya General Hospital. The study began from January 2018 to March 2019. Data collected from the medical record.

**Results:** There are 155 neonates admitted to NICU of Wangaya General Hospital, Denpasar during January 2018 to March 2019. 21 of them died (13.5%). Among these cases, 14 (66.7%) was male; 16 (76.2%) was preterm babies; 9 (42.9%) were extremely low birth weight; 20 (95.2%) were asphyxia; 13 (61.9%) were born through vaginal delivery; 18 (85.7%) with respiratory distress syndrome; 6 (28.6%) with neonatal sepsis; 1 (4.8%) with congenital abnormality; 4 (19%) with hypoglycemia; 3 (14.3%) with meconium aspiration syndrome and 4 (19%) with hemorrhage of newborn.

**Conclusion:** The common causes of neonatal death in Wangaya General Hospital NICU are preterm, extremely low birth weight, asphyxia and respiratory distress syndrome.

**Biography**

Bella Kurnia is a General Practitioner at Podomoro Hermina Hospital and also Faculty of medicine in Kristen Krida Wacana University in Jakarta at Indonesia.

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