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**ANALYSIS OF NURSING CARE IN BABIES NY. S WITH LBW WHICH  
WAS GIVEN EVIDENCE BASED PRACTICE THERAPY GENTLE  
HUMAN TOUCH TO STABILIZE THE FREQUENCY PULSE IN  
PERINATOLOGI INPATIENT INSTALLATION  
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**IX + 102 Pages + 12 Tables + 6 Attachments**

**ABSTRAK**

*LBW is one of the main causes of high infant mortality rates, LBW babies have a 35 times higher risk of death compared to babies weighing over 2500 grams. The incidence of LBW accounts for around 60-80% of neonatal deaths and neonatal deaths cause two thirds of infant deaths. In premature babies, pulse frequency instability occurs due to the baby's discomfort with invasive procedures that cause stressors so that the pulse frequency fluctuates after the procedure. Gentle Human Touch is a nursing intervention to provide comfort to the baby by providing a gentle touch, with one hand placed behind the head and the other hand on the lower abdomen covering the baby's waist and hips, which is done for 15 minutes in 5 days. The purpose of writing the Scientific Work for Nurses is to carry out nursing care for LBW babies by applying Evidence Based Practice Gentle Human Touch Therapy to stabilize the pulse frequency in the Perinatology Inpatient Installation at Dr.M.Djamil Hospital, Padang. The writing method is analysis of nursing care by applying Evidence Based Practice Gentle Human Touch therapy which was carried out at the Perinatology Inpatient Installation of Dr.M.Djamil Hospital Padang On 10 July- 23 July 2023. Nursing problems encountered in managed babies are ineffective airway clearance, impaired gas exchange, nutritional deficits, and risk of infection. The nurse provided Gentle Human Touch therapy for 5 days and the duration of action was 15 minutes to stabilize the pulse frequency. After the intervention was carried out, the results showed that the pulse frequency was stable in LBW babies who had problems with a fluctuating pulse frequency. Suggestions for nursing services to be able to apply Gentle Human Touch therapy to stabilize the frequency of LBW babies.*

**Keywords : Low Birth Weight, Pulse Frequency, Gentle Human Touch**

**Reading list : 33 (2018-2022)**