

## **ABSTRACT**

### ***Application of Nesting and Positioning Methods to the Comfort Level of LBW Babies in the Perinatology Room of RSUD Al-Ihsan***

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**Introduction:** Low birth weight (LBW) is an indirect cause of neonatal death. LBW requires special care because it has problems with its body system due to an unstable body condition. Therefore, it is necessary to have invasive measures such as inserting an Oro Gastric Tube (OGT), oxygen, and infusion. During the procedure, it causes discomfort and becomes a stressor for the baby. Nesting and positioning can support these goals include providing. Nesting and positioning as a form of developmental care can facilitate the attainment of better rest and can create a sense of comfort for the baby. **Purpose:** This case study aims to determine the application of nesting and positioning methods to the comfort level of LBW babies in the Perinatology room of Al-Ihsan Hospital. **Methods:** This case study was conducted through the application of nursing care by intervention in the application of nesting and supine and right lateral positioning. **Results:** The results of this case study showed that there were changes after being given the nesting and positioning methods, namely changes in physiology and comfort levels. At the level of comfort in this case study, the baby can achieve the type of ease of comfort, which shows a sense of calm and satisfaction as indicated by the general condition of the baby is stable, and the frequency of crying is reduced. **Conclusion:** The application of the nesting method and supine positioning can increase the comfort of low birth weight babies.

**Keywords:** *Premature, LBW, Nesting, Convenience*