

**APPLICATION OF MUROTTAL THERAPY ON HEMODYNAMIC STATUS
OF LBW IN BOUGENVILLE ROOM RSUD SRAGEN**

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ABSTRACT

Background ; Low Birth Weight (LBW) babies face difficulties adapting to life outside the womb because the immaturity of the organs in the body. LBW is a major problem in developing countries including Indonesia. Based on the weighing of newborns in 2023 reported from 38 provinces, 84.3% of babies, 3,9% had LBW. During treatment period, LBW babies need to be monitored their physiological parameters, including: heart rate, respiratory rate and oxygen saturation. One of the complementary therapy techniques that can be used to improve hemodynamic status of LBW babies is Al-Quran recitation therapy.

The objectives of the research ; To determine the results of the application of Al-Quran recitation Therapy on Hemodynamic Status of LBW in Bougenville Room in RSUD Sragen. **Methods** ; Type of case study research with descriptive method with 2 respondents. **Result** ; Before therapy, the heart rate showed a tachycardia, breathing rate and oxygen saturation both in normal category. After the application, the heart rate decreased to normal, breathing rate and oxygen saturation were in the normal category. **Summary** ; There is an increase in the hemodynamic status of LBW babies after Al-Quran recitation therapy.

Keywords : LBW, hemodynamic, recitation