

## **ABSTRACT**

**Background.** Preeclampsia in pregnancy is the largest contributor to the incidence of maternal mortality (MMR) and the largest contributor to neonatal death is the condition of low birth weight babies (LBW). Low birth weight babies are babies born weighing less than 2500 grams regardless of gestational age. Preeclampsia is a blood pressure of at least 140/90 mmHg on two examinations 4-6 hours apart in women previously after 20 weeks of gestation or in the early postpartum period accompanied by proteinuria. One of the factors causing the condition of low birth weight babies (LBW) is preeclampsia in pregnancy which is caused by a decrease in blood flow to the uteroplacental and can occur hypoxia and placental ischemia which results in inhibition of fetal growth resulting in LBW. The solution to overcome cases of preeclampsia that cause LBW events is to carry out P4K orientation to all midwives, cadres and the community. **Destination.** The purpose of this literature review is to explain and analyze "The Relationship of Preeclampsia to the Incidence of Low Birth Weight Babies (LBW)" based on a literature review in the last 5 years. **Method.** This type of research is a literature review with a research design using the Preferred Reporting Item for Systematic Review and Meta-Analysis (PRISMA) approach. The search results found 2276 articles, then a selection was made which left 12 articles that met the inclusion criteria. The search was conducted in 3 electronic databases (PubMed, ProQuest, and Google Scholar) which were published within the last 5 years. **Conclusion.** The results of this review state that from ten articles that have been selected, it can be concluded that preeclampsia has a significant relationship with the incidence of low birth weight babies (LBW). **Suggestion.** Further research is needed on preeclampsia that affects the incidence of low birth weight babies (LBW) and can discuss more variables that can cause babies to be born with LBW.

**Keywords:** Preeclampsia, Low Birth Weight (LBW)