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Expression of Foxp3 mRNA on Preeclampsia with Adaptation Theory

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Abstract

This study aims to determine the expression of mRNA Foxp3 on Preeclampsia and normal pregnant. The research method used is through the quantitative research method using case-control design with the sample size of 20 respondents consisting of 10 cases and 10 controls. The case samples were pregnant women with preeclampsia at the time of the study while control samples were normal pregnant women who met inclusion and exclusion criteria. The data was analyzed using Independent T-Test statistics.

The results showed that 95% CI with LL = 5, 563 and UL = 7, 219 with $p = 0, 000$ mean that average expression of Foxp3 mRNA in expressed blood was lower in the preeclampsia group than the normal pregnant group. While 95% CI with LL = 5, 319 and UL = 7.047, with $p\text{-value} = 0.000$ means that the average expression of Foxp3 mRNA expressed in the placenta is also lower in the preeclampsia group than the normal pregnant.

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Keywords

Foxp3 mRNA expression, Preeclampsia, .

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