ABSTRACT

Introduction: Short inter-pregnancy intervals (<2 years) may be associated with adverse pregnancy outcomes. Meanwhile, longer pregnancy intervals are associated with reduced fertility, older age, maternal disorders and partner change that can be linked with higher risk of pre-eclampsia. However, for those women who develop pre-eclampsia, it is not clear whether the inter-pregnancy interval is associated with the incidence of recurrent pre-eclampsia in the following pregnancy. Method: This was an analytic observational study. The sample was preeclampsia patients in Dr. Soetomo hospital during 2017, which preeclampsia patient with obesity and changing partnership was excluded. There were 104 samples from 224 multigravid woman with pre-eclampsia. Result: From 104 samples, 3 of them had had recurrence pre-eclampsia. 2 of 3 had 2-10 years inter-pregnancy interval. From statistical result, P value was 0.418. Conclusion: There is no association between inter-pregnancy intervals and recurrence pre-eclampsia.

Keywords: Inter-pregnancy intervals, pre-eclampsia, recurrence.