

The effect of granting Gedi leaf (*Abelmoschus manihot L.*) against blood sugar levels in pregnant women in North Halmahera

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Diabetes Mellitus is one of the causes of mortality and morbidity in all countries, where there are 3.5-4.3% of the world's population affected by diabetes mellitus. Based on data from the World Health

Organization (WHO), the number of people with diabetes mellitus in the world reaches 285 million and is estimated to be more than 430 million by 2030. Type 2 diabetes mellitus (not insulin-related) is the most common, 95% of all cases of diabetes mellitus. The aim of the study was to determine the effect of giving Gedi leaf decoction (*Abelmoschus manihot L.*) to decrease blood sugar levels in pregnant women in northern Halmahera in 2018. The research method used was quasi-experimental with the design of one group pretest-posttest. The population in this study were 10 pregnant women at the Tiberias Tobelo clinic, with a sampling technique using a total sampling of 10 pregnant women with blood sugar. The results of the study showed that the average blood sugar levels in pregnant women before

giving the decoction of Gedi leaves (*Abelmoschus manihot L.*) was 109.79mg/dL, and the average value of blood sugar in pregnant women after Gedi leaf decoction (*Abelmoschus manihot L.*) is 108.12mg/dL, the results of the analysis test with Paired sample T-Test obtained a significance value (p) of 0.002 significance value $p < 0.05$. The conclusion that the average decrease in blood sugar levels in pregnant women is 1.67mg/dL, the statistical test results obtained that the effect of giving the leaves of Gedi leaves (*Abelmoschus manihot L.*) to pregnant women with blood sugar.

Biography

Selvie S Ticoalu is Gynecology specialists in Bandung, West Java at the Advent Bandung Hospital and teaches as lecturers AKBID Makariwo.

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