

## ABSTRACT

### THE RELATIONSHIP BETWEEN DURATION OF DIABETES AND SEXUAL DYSFUNCTION IN WOMEN

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**Background:** Diabetes is the most common disease characterized by increased blood glucose and resulting complications in the liver, blood, kidneys, nerves and blood vessels. Diabetes can cause several complications such as duration of diabetes is a crucial factor because over time, the disease can cause damage to the nerves (neuropathy), blood vessels (angiopathy). Sexual dysfunction in people with diabetes is often caused not only by the presence of the diabetes condition itself, but also by the duration of time a person has diabetes.

**Method:** This study is an analytical with correlation analysis method with approach taken is cross-sectional. The sample using consecutive method with slovin formula. This research is quantitative with the flow of respondents will be given a questionnaire based on questions from the female sexual function index.

**Result:** the sig value (2-tailed) is 0.001, because the sig value (2-tailed)  $< 0.05$ , there is a significant relationship between the duration of diabetes and sexual dysfunction. The distribution of diabetic patients who experience sexual dysfunction is divided into 6 domains of desire (14.3%), arousal (8.6%), lubrication (22.9%), orgasm (12.9%), satisfaction (17.1%) and dyspareunia (24.3%).

**Conclusion:** There is a significant relationship between the duration of suffering from diabetes with the incidence of sexual dysfunction in women.

**Keywords:** Diabetes, Duration of diabetes, Female Sexual Function Index (FSFI), Sexual dysfunction

