

**THE RELATIONSHIP OF KNOWLEDGE LEVEL WITH FOOT CARE  
BEHAVIOR AND RISK OF FOOT ULCERS IN TYPE II DM PATIENTS  
AT KARTASURA HEALTH CENTER**

Dias Drastistiana<sup>1</sup>, Mulyaningsih<sup>2</sup>

[drastistianadiaz01@gmail.com](mailto:drastistianadiaz01@gmail.com)

Universitas 'Aisyiyah Surakarta

**ABSTRACT**

**Background;** *The number of DM patients in the Kartasura Health Center area as many as 2,126 ranks first. Prolanis members have a habit of not routinely cutting their nails, after the activity of wearing sloping shoes does not immediately wash their feet, the nails are long and dirty, the skin of the soles of the feet is cracked.*  
**Purpose;** *To determine the relationship between knowledge level and foot care behavior and the risk of diabetic foot ulcer incidence in type 2 DM patients at the Kartasura Health Center.*  
**Method;** *This type of research is causal research. Sampling was done using the total sampling technique, with a sample of 58 respondents. The research instrument used a questionnaire of DFKS, NAFF, and LANSS.*  
**Result;** *It showed that the majority of DM sufferers were 56.9% with good knowledge, the majority of behaviors were 60.3% with good behavior, and 55.2% of respondents were not at risk of foot ulcers.*  
**Conclusion;** *There is a very significant relationship between the level of knowledge and foot care behavior, and there is a significant relationship between the level of knowledge and the risk of foot ulcers.*

**Keywords:** *Diabetes Mellitus, Knowledge, Behavior, Foot Care, Ulcer Risk*