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## **Knowledge and Attitude of nurses towards diabetic foot ulcer care in Multi - speciality hospitals in Erode, Tamil Nadu**

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### **ABSTRACT**

**BACKGROUND:** Diabetes mellitus is a chronic metabolic disorder that has become a global health concern due to its high prevalence and associated complications. Among the various complications, diabetic foot ulcers (DFUs) represent one of the most significant and debilitating outcomes, contributing to substantial morbidity, reduced quality of life, and increased healthcare costs. In India, the burden of diabetes is particularly high, with an estimated 77 million individuals affected as of 2020, making it the second-largest population of diabetics in the world. Nurses play a pivotal role in diabetic foot care due to their direct and sustained interactions with patients. **AIM AND OBJECTIVE:** The present study aims to assess the knowledge and attitudes of nurses towards DFU care in multispecialty hospitals in Erode, Tamil Nadu. **METHODOLOGY:** Prospective observational cross-sectional study was conducted between October 20223 to February 2024 in a Multi-speciality hospital in Erode, Tamil Nadu. **RESULT:** The study revealed that 78.35% of nurses demonstrated good knowledge of diabetic foot ulcer care, but 72.8% exhibited an unfavourable attitude towards its management. This highlights a significant gap between knowledge and

attitude, indicating the need for targeted educational and motivational interventions. **CONCLUSION:** The study highlights a gap between nurses good knowledge and unfavourable attitudes towards diabetic foot ulcer care, emphasizing the need for targeted interventions. Clinical pharmacists should actively contribute by providing education, ensuring evidence-based practices, and supporting interdisciplinary care to improve outcomes.

Key Words: Diabetes mellitus, DFU, knowledge, Attitude, Clinical Pharmacist

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