

PROCEEDING BOOK



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Edited by

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ABSTRACT

ASSESSMENT OF DIABETIC FOOT ULCER (DFU) IN SEMARANG

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BACKGROUND

Diabetic foot ulcer (DFU) is one of the complications often experienced by patients. It is frequently result in gangrene and lower limb amputation. Identification of risk factors are needed in order to determine appropriate treatment.

AIMS

The study aims to ascertain whether patients are assessed for diabetic foot ulcer (DFU).

METHODS

Descriptive, cross-sectional study was conducted. Neurosensory examination, vascularization, risk factors DFU, and the condition of active foot were recorded. Neurosensory and vascularization were examined physically. While the risk factors are directly interviewed to patient. IpTT (Ipswich Touch Test) was performed to assess peripheral neurosensory. Assessment of vascularization was completed by palpation of pedal pulses. Then, DFU risk factors was evaluated from previous amputation, ulceration, foot deformity, and present of calluses.

RESULT

A total of 112 respondents had been participated in this study. This study stress the DFU classification to identify patients at risk for DFU. Most of the respondents, 85.7%, were classified at high risk of DFU. There were 7.1% classified at moderate risk and 4.5% were low risk. Also 2.7% categorized at active foot.

CONCLUSIONS

It is concluded that the majority of respondents at high risk for DFU. Foot assessment is needed in order to screen and detect ulceration risk.

KEYWORD

Diabetic Foot Ulcer (DFU), foot assessment, risk factor, neurosensory and vascularization examination