

ABSTRAK



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HUBUNGAN *GRADE* LUKA TERHADAP *QUALITY OF LIFE* (*QOL*) PADA *DIABETIC FOOT ULCER* (*DFU*)

Terdiri dari VI Bab, 80 Halaman, 3 Gambar, 7 Tabel, 3 Skema, 7 Grafik, 11 Lampiran

Tujuan: Untuk mengetahui hubungan *grade* luka terhadap *Quality of Life* (*QOL*) pada *Diabetic Foot Ulcer* (*DFU*). **Metode:** Penelitian ini merupakan penelitian deskriptif kuantitatif dengan desain *cross-sectional*. Sampel penelitian ini berupa pasien *DFU* Rumah Luka Sidoarjo yang dipilih secara *purposive sampling* dengan jumlah 30 responden. Pengukuran *grade* luka pada *DFU* yang diukur dengan menggunakan *Meggit – Wagner System* dan *QOL* diukur dengan *36-Item Short Form Health Survey* (*SF-36*). **Hasil:** Terdapat 19 sampel (63%) berjenis kelamin perempuan dan laki – laki berjumlah 11 sampel (37%) dengan rata – rata usia 53 tahun dan lama menderita diabetes selama 8 tahun. Selanjutnya ditemukan nilai *mean* dan standar deviasi dari *grade* luka pada *DFU* sebesar $1,67 \pm 0,84$ dan *QOL* sebesar $52,49 \pm 19,68$. Uji hipotesis menunjukkan nilai $p = 0,010$ ($3,33 \pm 1,13 - 9,75$), artinya terdapat hubungan yang signifikan antara *grade* luka dan *QOL*, dimana sampel dengan *grade* luka 1 memiliki perbandingan proporsi *QOL* tinggi lebih banyak dibandingkan *grade* luka 2,3,4 (66,7%:20,0%). **Kesimpulan:** Ada hubungan signifikan yang searah antara *grade* luka terhadap *QOL* khususnya pada penderita *DFU*. Semakin kecil *grade* luka maka *QOL* semakin tinggi.

Kata Kunci: *Diabetic Foot Ulcer*, *Grade* luka, *Quality of Life*, *Meggit – Wagner System*, *36-Item Short Form Health Survey* (*SF-36*).

ABSTRACT



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RELATIONSHIP OF WOUND GRADE AND QUALITY OF LIFE (QOL) IN DIABETIC FOOT ULCER (DFU)

Consists of VI Chapters, 80 Pages, 3 Pictures, 7 Tables, 3 Schemes, 7 Graphics, 11 Attachments

Objective: *To aim the Relationship of Wound Grade and Quality Of Life (QOL) in Diabetic Foot Ulcer (DFU). Methods:* *This study is a quantitative descriptive study with a cross-sectional design. The sample of this study was a patient in Rumah Luka Sidoarjo with DFU who was selected by purposive sampling with a total of 30 respondents. Wound grade of DFU were measured using the Meggit – Wagner System and QOL as measured by the 36-Item Short Form Health Survey (SF-36). Results:* *There were 19 samples (63%) female and male found 11 samples (37%) with an average age of 53 years and duration of diabetes for 8 years. Futhermore, the mean and standard deviation of the wound grade at DFU were $1,67 \pm 0,84$ and QOL was $52,49 \pm 19,68$. Hypothesis test showed p value = $0,010$ ($3,33 \pm 1,13 - 9,75$), meaning that there was a significant relationship between wound grade and QOL, where samples with wound grade 1 had a higher proportion of high QOL ratios than wound grade 2, 3, 4 (66,7%;20,0%). Conclusion:* *There is a significant undirectional relationship between the wound grade to QOL, especially in patients DFU. The smaller grade the higher QOL.*

Keywords: *Diabetic Foot Ulcer, Wound Grade, Quality of Life, Meggit – Wagner System, 36-Item Short Form Health Survey (SF-36).*