

**HUBUNGAN TEKANAN DARAH DENGAN SKOR NEUROPATI
PADA PASIEN DIABETES MELLITUS
DI RUMAH SAKIT X NUSA DUA**



SKRIPSI

**Oleh:
Ni Made Yuni Ariani**

**PROGRAM STUDI S1 KEPERAWATAN
SEKOLAH TINGGI ILMU KESEHATAN
BINA USADA BALI
2022**

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SKRIPSI

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Sekolah Tinggi Ilmu Kesehatan Bina Usada Bali

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Menyatakan dengan sebenarnya bahwa Tugas Akhir yang saya tulis benar-benar hasil karya saya sendiri, bukan untuk pengambil alihan tulisan atau pikiran orang lain yang saya akui sebagai tulisan atau pikiran saya sendiri. Apabila dikemudian hari dapat dibuktikan bahwa Tugas Akhir ini adalah hasil jiplakan, maka saya bersedia menerima sanksi atas perbuatan tersebut.

Mangunura, 20 Januari 2022



(Ni Made Yuni Ariani)

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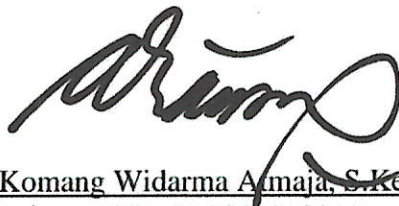


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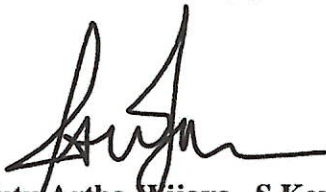
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**SEKOLAH TINGGI ILMU KEPERAWATAN
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Hubungan Tekanan Darah dengan Skor Neuropati pada Pasien Diabetes Mellitus di Rumah Sakit X Nusa Dua

xv + 61 + 8 gambar + 7 tabel + 11 lampiran

ABSTRAK

Neuropati diabetik merupakan komplikasi yang paling umum terjadi pada penderita diabetes sebagai akibat dari kerusakan saraf dan pembuluh darah. Pemeriksaan neuropati salah satunya dapat didahului dengan skrining penilaian tekanan darah. Penelitian ini bertujuan untuk mengidentifikasi hubungan tekanan darah dengan skor neuropati pada pasien diabetes mellitus di Rumah Sakit Surya Husadha Nusa Dua.

Studi kuantitatif dengan metode *cross sectional* melibatkan 30 responden diabetes mellitus yang dipilih dengan *consecutive sampling*. Pengumpulan data dilakukan dengan pengukuran tekanan darah menggunakan sphygmomanometer digital dan skor neuropati menggunakan *Ipswitch Touch Test*. Pengukuran neuropati dilakukan dengan melakukan sentuhan pada enam jari kaki responden.

Penelitian menemukan ada hubungan tekanan darah dengan skor neuropati pada pasien diabetes mellitus di Rumah Sakit Surya Husadha Nusa Dua dengan nilai *p-value* 0,002. Setiap responden diabetes mellitus yang memiliki tekanan darah tinggi berpeluang 2,425 kali lebih besar mengalami neuropati. Diharapkan perawat perlu meningkatkan pengetahuan dan praktik dalam skrining neuropati diabetik dalam upaya pencegahan komplikasi *diabetic foot ulcers*.

Kata Kunci : tekanan darah, skor neuropati, diabetes mellitus, skrining

Daftar Pustaka: 92 (2012-2022)

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The Correlation between Blood Pressure and Neuropathy Score in Diabetes Mellitus Patients at X Nusa Dua Hospital

xv + 61 + 8 pictures + 7 tables + 11 appendixes

ABSTRACT

Diabetic neuropathy is the most common complication in diabetics as a result of damage to nerves and blood vessels. One of the neuropathy examinations can be preceded by screening blood pressure assessment. This study aimed to identify the correlation between blood pressure and neuropathy scores in diabetes mellitus patients at Surya Husadha Nusa Dua Hospital.

Quantitative study with cross sectional method involved 30 respondents with diabetes mellitus who were selected by consecutive sampling. Data was collected by measuring blood pressure using digital sphygmomanometer and neuropathy scores using the Ipswich Touch Test. Neuropathy scores was carried out by touching the respondents's six toes.

The study found that there was a correlation between blood pressure and neuropathy scores in diabetes mellitus patients at Surya Husadha Nusa Dua Hospital with p-value 0,002. Each respondent with diabetes mellitus who has high blood pressure has a 2,425 times greater chance to experience neuropathy of. It is expected that nurses need to increase knowledge and practice in diabetic neuropathy screening in an effort to prevent complications of diabetic foot ulcers.

Keywords : blood pressure, neuropathy score, diabetes mellitus, screening

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