

**INSTITUT TEKNOLOGI DAN KESEHATAN MAHARDIKA
PROGRAM STUDI ILMU KEPERAWATAN**

Skripsi, Agustus 2023

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Hubungan Jenis Stimulasi Auditory Dengan Nyeri Pasca Perawatan Luka
Diabetik di Ruang Rawat Inap 4 Rumah Sakit Mitra Plumbon Majalengka

xiv + 57 halaman + 5 tabel + 2 bagan + 10 lampiran

ABSTRAK

Data jumlah penderita diabetes mellitus di Indonesia tahun 2021 diperkirakan sebanyak 19.465.100 orang. Jumlah penderita diabetes mellitus di Provinsi Jawa Barat tahun 2020 sebanyak 1.078.857 orang dan Kabupaten Majalengka sebanyak 12.915 orang. Jumlah kunjungan pasien diabetes mellitus di Rumah Sakit Majalengka tahun 2022 sebanyak 115 orang. Dampak akibat proses perawatan luka adalah nyeri dan salah satu metode untuk mengurangi nyeri yaitu stimulasi auditory. Tujuan penelitian ini untuk mengetahui hubungan jenis stimulasi auditory dengan nyeri pasca perawatan luka diabetik di Ruang Rawat Inap 4 Rumah Sakit Mitra Plumbon Majalengka.

Jenis penelitian menggunakan penelitian kuantitatif dengan desain penelitian deskriptif korelasional dengan pendekatan *cross sectional*. Populasi dalam penelitian ini adalah pasien diabetes mellitus di Ruang Rawat Inap 4 Rumah Sakit Mitra Plumbon Majalengka dan teknik pengambilan sampel menggunakan metode *total sampling* sebanyak 40 orang. Pengambilan data menggunakan lembar observasi dan lembar *Numeric Rating Scale* (NRS). Analisa data dilakukan dengan menggunakan analisa univariat dengan persentase dan analisa bivariat dengan uji *chi square* (χ^2).

Hasil penelitian menunjukkan bahwa sebagian besar responden (70%) mendapatkan stimulasi auditory *guide imagery* dan sebagian besar responden (67,5%) mengalami nyeri ringan. Hasil uji statistik diperoleh $p\ value = 0,000 < \alpha (0,05)$ menunjukkan bahwa H_0 diterima artinya terdapat hubungan jenis stimulasi auditory dengan nyeri pasca perawatan luka diabetik di Ruang Rawat Inap 4 Rumah Sakit Mitra Plumbon Majalengka.

Perawat dapat memberikan edukasi intervensi stimulasi auditory untuk menurunkan skala nyeri pada perawatan luka diabetes mellitus.

Kata Kunci : Jenis Stimulasi Auditory, Nyeri, Pasca Perawatan Luka, Diabetik.

Daftar Pustaka : 47 (2016-2023)

**MAHARDIKA INSTITUTE OF TECHNOLOGY AND HEALTH
STUDY PROGRAM OF NURSING SCIENCE**

Mini Thesis, August 2023

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*The Correlation between Auditory Stimulation Type and Post-Wound Care Pain
on Diabetic in Inpatient Room 4 of Mitra Plumbon Majalengka Hospital*

xiv + 57 pages + 5 tables + 2 schemes + 10 enclosures

ABSTRACT

Data on the number of diabetes mellitus sufferers in Indonesia in 2021 is estimated at 19,465,100 people. The number of diabetes mellitus sufferers in West Java Province in 2020 was 1,078,857 people, and in Majalengka Regency, it was 12,915 people. The number of diabetes mellitus patient visits at Majalengka Hospital in 2022 will be 115. The impact of the wound care process being pain and one method to reduce pain is auditory stimulation. The purpose of this study was to determine the correlation between auditory stimulation type and post-wound care pain on diabetes mellitus patient in Inpatient Room 4 of Mitra Plumbon Majalengka Hospital.

This type of research uses quantitative research with a descriptive correlational research design with a cross sectional approach. The population in this study were patients with diabetes mellitus in Inpatient Room 4 of Mitra Plumbon Majalengka Hospital and the sampling technique used total sampling method as many as 40 people. Data collection using observation sheets and Numeric Rating Scale (NRS) sheets. Data analysis was performed using univariate analysis with percentages and bivariate analysis with chi square (χ^2) test.

The results showed that most respondents (70%) received auditory guide imagery stimulation and most respondents (67.5%) experienced mild pain. The results of statistical test obtained p value = $0.000 < \alpha$ (0.05) indicate that H_a is accepted, meaning that there is a correlation between auditory stimulation type and post-wound care pain on diabetes mellitus patient in Inpatient Room 4 of Mitra Plumbon Majalengka Hospital.

Nurses can provide auditory stimulation intervention education to reduce the pain scale in diabetes mellitus wound care.

Keywords : Auditory Stimulation Type, Pain, Post-Wound Care, Diabetic

Referencies : 47 (2016-2023)