`   **ABSTRAK**

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HUBUNGAN IMT DENGAN DISABILITAS PADA LANSIA INSTABILITY LOW BACK PAIN

Terdiri VI Bab, 71 Halaman, 13 Tabel, 8 Gambar, 2 Skema, 6 Lampiran

Tujuan: Penelitian ini untuk mengetahui hubungan IMT dengan disabilitas pada lansia instability low back pain. **Metode** : Penelitian ini merupakan penelitian observasional/survei. Penelitian ini bersifat deskriptif kuantitatif dengan tipe studi korelasi. Sampel dipilih menggunakan teknik *purposive sampling.* Sampel terdiri dari 31 orang pada Lansia di RW 047 Villa Bekasi Indah 2 dimana indeks tubuh diukur menggunakan IMT dan disabilitas diukur menggunakan tes kuisioner *modified Oswestry disability index* (MODI). **Hasil**: Uji normalitas dengan *Kolmogorov Smirnov test* didapatkan data berdistribusi normal. Hasil uji hipotesis dengan uji korelasi *Pearson product moment,* didapatkan $p < 0,0001$ pada IMT dan disabilitas *instability Instability LBP*serta nilai r=0,581. **Kesimpulan**: Terdapat korelasi positif antara IMT terhadap disabilitas dengan kekuatan korelasi sedang.

Kata Kunci: IMT, Disabilitas, MODI, Lansia

ABSTRACT

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THE RELATIONSHIP OF BMI AND DISABILITY IN LANISA INSTABILITY LOW BACK PAIN

Consists of VI Chapters, 71 Pages, 13 Tables, 8 Figures, 2 Schematics, 6 Appendices

Objective: This study was to determine the relationship between BMI and disability in the elderly. Instability Low Back Pain. **Methods**: This research is an observational/survey research. This research is descriptive quantitative with the type of correlation study. The sample was selected using purposive sampling technique. The sample consisted of 31 elderly people in RW 047 Villa Bekasi Indah 2 where body index was measured using BMI and disability was measured using a modified Oswestry disability index (MODI) questionnaire. **Results**: Normality test with Kolmogorov Smirnov test obtained data with normal distribution. The results of the hypothesis test with the Pearson product moment correlation test, obtained $p < 0.0001$ on BMI and disability instability *Instability LBP* and the value of $r = 0.581$. **Conclusion**: There is a positive correlation between BMI and disability with moderate correlation strength.

Keywords: IMT, Disability, MODI, Elderly