



## ABSTRAK

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### **HUBUNGAN VOLUME OKSIGEN MAKSIMAL (VO<sub>2</sub>MAX) TERHADAP KECEPATAN BERJALAN PADA PASIEN STROKE**

**Terdiri dari VI Bab, 41 Halaman, 10 Tabel, 5 Gambar, 2 Skema, 5 Lampiran**

**Tujuan:** Untuk mengetahui hubungan volume oksigen maksimal (VO<sub>2</sub>Max) terhadap kecepatan berjalan pada pasien stroke. **Metode:** Penelitian ini bersifat kuantitatif, dimana VO<sub>2</sub>Max diukur dengan *six minute walk test* dan kecepatan berjalan diukur dengan *ten metre walk test*. Sampel terdiri dari 30 orang yang di peroleh berdasarkan *purposive sampling*. **Hasil:** Uji normalitas dengan *Shapiro wilk Test* didapatkan hasil berdistribusi normal pada VO<sub>2</sub>Max dan kecepatan berjalan. kemudian dilakukan uji korelasi dengan menggunakan *pearson correlation test* didapatkan hasil  $p= 0.419$  dan  $r = -0.153$  yang artinya secara signifikan tidak berkorelasi antara volume oksigen maksimal (VO<sub>2</sub>Max) terhadap kecepatan berjalan pada pasien stroke. **Kesimpulan:** tidak ada hubungan antara VO<sub>2</sub>Max terhadap kecepatan berjalan pada pasien stroke.

**Kata kunci:** Kecepatan Berjalan, Stroke, Volume Oksigen Maksimal (VO<sub>2</sub>Max)



## ABSTRACT

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### ***RELATIONSHIP THE VOLUME OXYGEN MAXIMUM (VO<sub>2</sub>MAX) TO THE WALKING SPEED IN STROKE PATIENTS***

***Consisting VI Chapters, 41 Pages, 10 Tables, 5 Images, 2 Schemes, 5 Attachments***

*Objective: To determine the relationship between volume oxygen maximum (VO<sub>2</sub>Max) and walking speed in stroke patients. Method: This study is quantitative, in which VO<sub>2</sub>Max increases with a six-minute walk test and walking speed with a ten-meter walk test. The sample consisted of 30 people who were obtained based on purposive sampling. Results: Test for normality with Shapiro Wilk Tests obtained results were normally distributed on VO<sub>2</sub>Max and walking speed. then conducted a trial using Pearson correlation test results obtained  $p = 0.419$  and  $r = -0.153$  which means it does not correlate between the volume oxygen maximum (VO<sub>2</sub>Max) to the walking speed in stroke patients. Conclusion: there is no relationship between VO<sub>2</sub>Max and walking speed in stroke patients.*

***Keywords:*** Stroke, Volume Oxygen Maximum (VO<sub>2</sub>Max), Walking Speed