

**HUBUNGAN HIPERTENSI DENGAN STADIUM PENYAKIT
PARKINSON BERDASARKAN KRITERIA HOEHN & YAHR
(Studi pada Pasien Parkinson RSUD Margono Soekarjo Purwokerto)**

ABSTRAK

Latar Belakang: Salah satu faktor risiko dari penyakit Parkinson adalah hipertensi, namun apakah hipertensi berhubungan dengan progresivitas penyakit Parkinson masih belum jelas. Kriteria Hoehn & Yahr merupakan salah satu kriteria yang dapat digunakan untuk menggolongkan progresivitas penyakit Parkinson menjadi 5 stadium.

Tujuan: Mengetahui hubungan antara hipertensi dengan stadium penyakit Parkinson berdasarkan kriteria Hoehn & Yahr pada pasien Parkinson RSUD Margono Soekarjo Purwokerto.

Metode: Penelitian ini menggunakan design *cross-sectional* dengan sampel penelitian sebanyak 48 pasien di poli saraf RSUD Margono Soekarjo Purwokerto. Variabel hipertensi diukur pada saat pasien datang ke poli saraf RSUD Margono Soekarjo Purwokerto untuk kontrol penyakit Parkinson dan variabel stadium penyakit Parkinson berdasarkan kriteria Hoehn & Yahr dinilai dengan pengamatan peneliti. Data penelitian dilakukan analisis menggunakan uji *Somers'd*.

Hasil: Hasil analisis bivariat antara hipertensi dengan stadium Hoehn & Yahr menunjukkan nilai $p = 0,517$ dan $r = -0,084$. Artinya tidak terdapat korelasi yang bermakna antara hipertensi dengan stadium penyakit Parkinson berdasarkan kriteria Hoehn & Yahr dengan kekuatan korelasi yang sangat lemah dan arah korelasi negative. Hal tersebut berarti semakin tinggi stadium hipertensi maka semakin rendah stadium Hoehn & Yahr.

Kesimpulan: Tidak terdapat korelasi yang bermakna antara hipertensi dengan stadium penyakit Parkinson berdasarkan kriteria Hoehn & Yahr.

Kata Kunci : Hipertensi, Penyakit Parkinson, Stadium Hipertensi, Stadium Hoehn & Yahr

**ASSOCIATION OF HYPERTENSION WITH PARKINSON'S DISEASE
BASED ON HOEHN & YAHR STAGE CRITERIA
(Study on Parkinson's Patients at RSUD Margono Soekarjo, Purwokerto)**

ABSTRACT

Background: *One of the risk factors for Parkinson's disease is hypertension, but whether hypertension is related to the progression of Parkinson's disease is unclear. Hoehn & Yahr criteria is one of the criteria that can be used to classify the progression of Parkinson's disease into 5 stages.*

Objective: *To determine whether there was a correlation between hypertension and Parkinson's disease stage based on Hoehn & Yahr criteria in patients with Parkinson's disease at RSUD Margono Soekarjo, Purwokerto.*

Methods: *This study used a cross-sectional design with a sample of 48 patients at the neurology department of RSUD Margono Soekarjo, Purwokerto. Hypertension variable was measured when the patient came to the neurology department of RSUD Margono Soekarjo, Purwokerto for the control of Parkinson's disease and the stage of Parkinson's disease variable based on Hoehn & Yahr criteria was assessed by the researcher's observations. The research data was analyzed using the Somers'd test.*

Results: *The results of bivariate analysis between hypertension and Hoehn & Yahr stage showed $p = 0.517$ and $r = -0.084$. This means that there is no significant correlation between hypertension and the stage of Parkinson's disease based on the Hoehn & Yahr criteria with a very weak correlation strength and a negative correlation direction, it means that the higher the hypertension stage, the lower the Hoehn & Yahr stage.*

Conclusion: *There is no significant correlation between hypertension and the stage of Parkinson's disease based on Hoehn & Yahr criteria.*

Keywords : *Hypertension, Parkinson's Disease, Hypertension Stage, Hoehn & Yahr Stage*