

# INFLUENCE OF MOTOR REHABILITATION IN PARKINSON'S DISEASE

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## PURPOSE

This study shows the impact of motor rehabilitation included in the overall treatment of patients with Parkinson's disease.

## MATERIAL AND METHODS

The data were taken from the PHI City General Hospital "8-mi Septemvri" - Skopje. Motor rehabilitation was conducted in 7 patients diagnosed with Parkinson's disease. Data on patients' 10-meter-per-second walking time were analyzed.

## RESULTS

There was a statistically significant improvement in performance (reduced walking time) between all time points ( $p < 0,0001$ ).

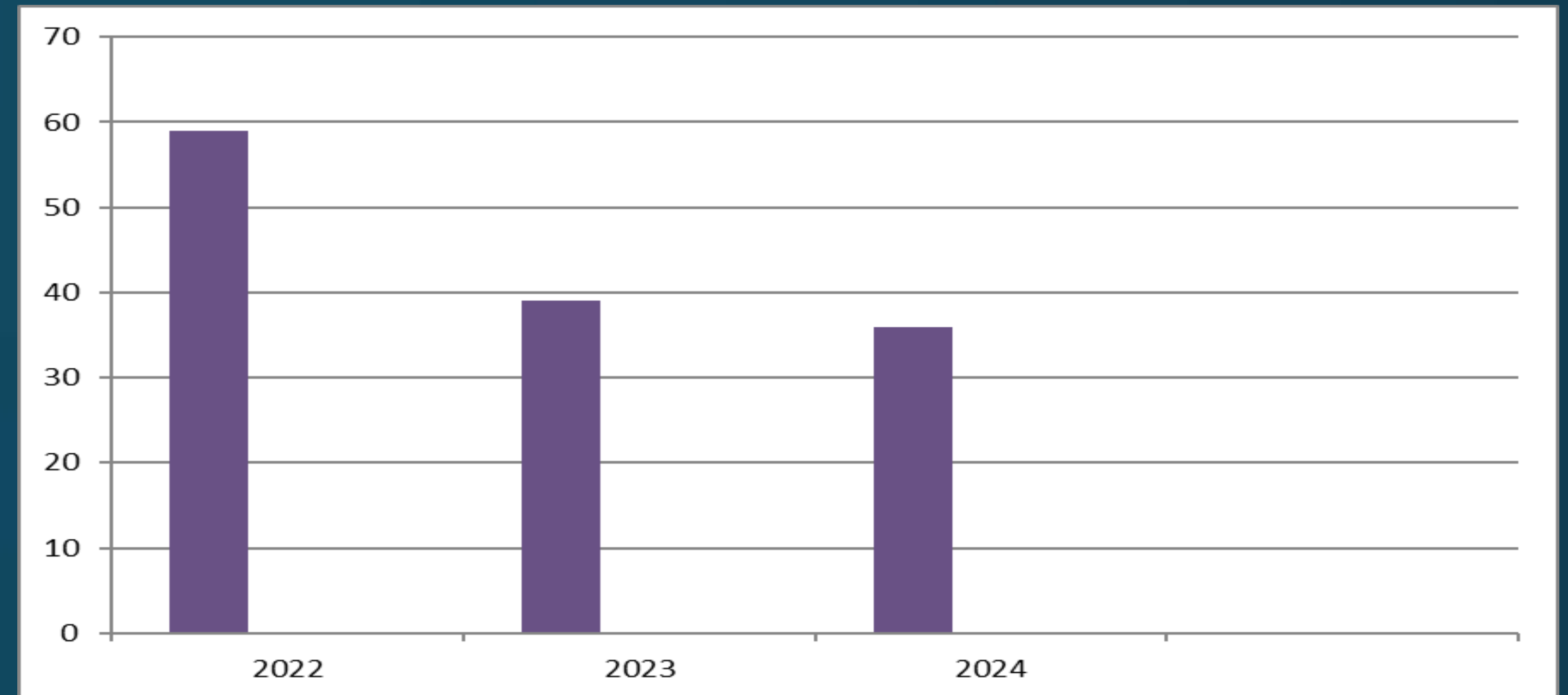


Figure 1. Data on patients with Parkinson's disease for 2022, 2023 and 2024

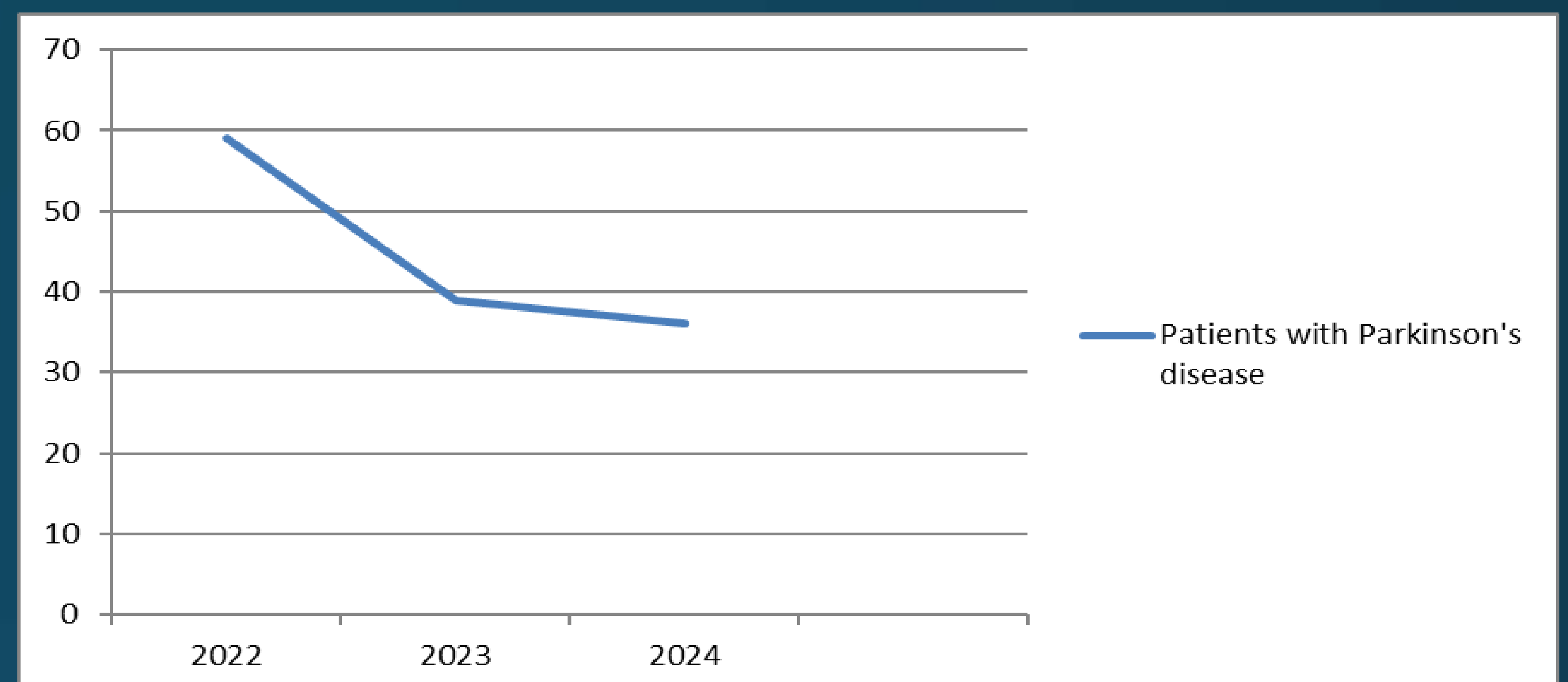


Figure 2. Comparison of Parkinson's disease patients in 2022, 2023 and 2024.

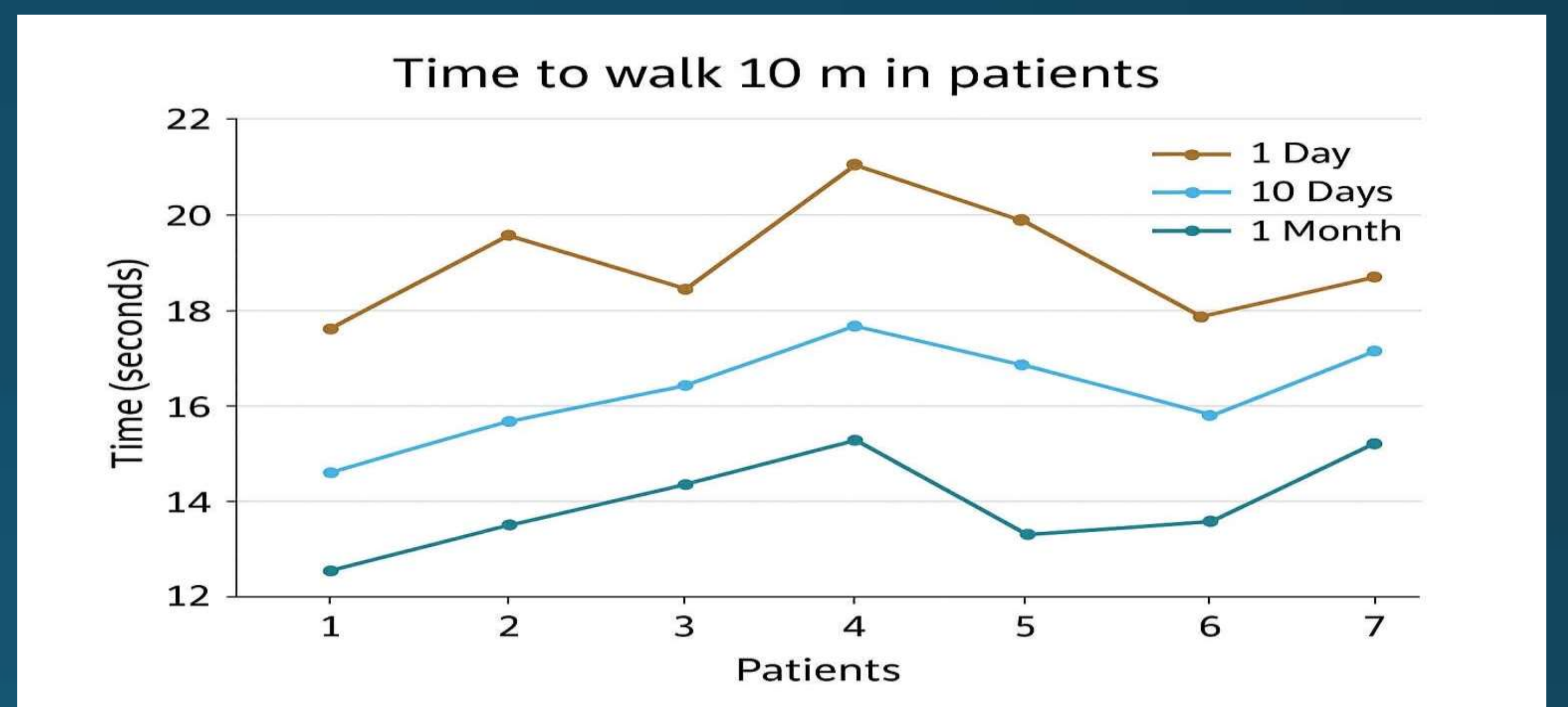


Figure 3. Walking time for 10 m in patients

## CONCLUSION

Regular physical activity shows a significant positive impact on slowing the progression of symptoms and improving the motor function of patients. Therefore, motor rehabilitation should not be considered only as an additional treatment, but as a necessary part of a holistic approach to the care of patients with Parkinson's disease.



Patient with Parkinson's disease