

# **Odruchy wzrokowo-okoruchowe i przedsionkowo-- okoruchowe w chorobie Parkinsona**

Visual-oculomotor and vestibular-oculomotor abnormalities in Parkinson's disease

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## **Summary**

In the study oculomotor abnormalities were investigated in 35 patients with idiopathic Parkinson's disease. Vestibular-oculomotor reflexes, pursuit eye movement, saccades and optokinetic nystagmus were evaluated using videonystagmo-graphic registration. Saccadis, smooth pursuit and optokinetic reflexes were significantly disturbed in the majority of cases. Pathological results of caloric and rotatory tests were observed rarely. In the patients after stereotactic thalamotomy - 14 cases, there were no changes in visual-oculomotor reflexes pathology. The results show that visual reflexes are often disturbed in Parkinson's disease and suggest the possibility that subcortical neurons, not thalamus are engaged in reflex eye movements.