Characteristics of the Onset of Parkinson’s Disease in a Bolivian Population

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Abstract

Objective: To describe the age of onset of Parkinson’s disease in a population attending neurological consultation.

Background: La Paz-Bolivia is a city located at an altitude of 3600 meters over the sea, with a heterogeneous population, which has not been described clinical characteristics of Parkinson’s disease, including age of onset, the response to dopa and clinical manifestations.

Methods: We describe the age of onset, sex distribution, response at low doses of dopa and the presence of dyskinesia at low dose of levodopa in patients with Parkinson’s disease.

Results: We report 306 patients with Parkinson’s disease in the period 2006-2015, 156 women and 148 men, 29 (9.44%) patients between the ages of 30 to 44 years, 76 (24.8%) patients aged 45 to 59 years, 131 (42.81%) patients aged 60-74 years and 78 (25.49%) patients aged 75 to 89 years. 280 patients respond well to the dose of 60 mg three times a day, and 146 patients have dyskinesias at a dose of 500 mg/day of levodopa.

Conclusions: we appreciate a number of patients who initiate early Parkinson’s disease, good initial response to low doses of levodopa and the presence of secondary dyskinesias at low doses of levodopa.

References


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