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Review

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Abstract

Background: Parkinson's disease can adversely affect the quality-of-life.

Aims: We conducted a systematic review and meta-analysis of global literature on the quality-of-life of patients with Parkinson's disease and examined the association between patient characteristics and quality-of-life.

Methods: We searched Embase, PubMed, Scopus and Web of Science from January 2000 to January 2020. We included articles published in English that used the Parkinson's disease questionnaire to estimate the quality-of-life score and to identify the determinants of quality-of-life in patients with Parkinson's disease.

Results: In total, 41 studies with data from 4060 patients who had Parkinson's disease met our inclusion criteria. The overall quality-of-life score was 32.37 (95% confidence intervals (CI): 28.72–36.01). Age and duration of disease were inversely related to quality-of-life (P□