Reviewer's report

**Title:** Clinical aspects of palliative care in advanced Parkinson's disease

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**Reviewer:** JUAN CARLOS MARTINEZ CASTRILLO

**Reviewer's report:**

The paper entitled "Clinical aspects of palliative care in advanced Parkinson’s disease" is a review of this topic. I would like to address some considerations.

The abstract provides no information to the reader. It seems an introduction.

Introduction.

- Parkinson's disease (PD) is not only a dopaminergic disease, and the accumulation of Lewy bodies are not restricted to these neurons nor in premotor stages neither later.
- Not many investigators would agree the four phases of PD stated by the authors.
- Motor complications in PD are motor fluctuations and dyskinesia, this is confusing in the text.
- The method of revision is not defined.

There are some errors in the pharmacologic issues: dopaminergic neurons do not lose the capacity of taking dopamine, they die and that is why this capacity is loss. Higher doses of levodopa do not prevent motor complications: can improve motor fluctuations and worsen dyskinesia. I think this paragraph should be deleted. Next paragraph, when the author(s) say(s) later stage they really are talking about the end-stage of the disease.

Palliative care. Motor complications in PD are motor fluctuations and dyskinesia, this is again confusing in the text.

Hypokinesia and akinesia are in fact motor fluctuations.

Dyskinesia, dystonia and motor fluctuations should not be treated in the same paragraph.

There are several concept errors.

The main problem is that the reader of this paper will not find instruments to treat advanced problems in PD, nor how and when use palliative care to improve quality of life in PD patients.

I appreciate the effort of the author(s), but I should recommend a major revision of this manuscript to be accepted.

**Level of interest:** An article of limited interest

**Quality of written English:** Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician.