Reviewer's report

Title: Neuroleptic-induced movement disorders in a naturalistic schizophrenia population: diagnostic value of actometric movement patterns

Version: 1 Date: 25 October 2007

Reviewer: chanoch miodownik

Reviewer's report:

"Neuroleptic-induced movement disorders" is a very important and interesting topic. This manuscript deals with measurement of neuroleptic-induced akathisia by instrumental techniques. Using this evaluation technique may be practical and useful for clinicians. In general this is a good paper, but it should be corrected and clarified in few points.

1. In the Title and in paragraph 1.4 the authors mention that their study population contains "naturalistic schizophrenia" patients. This phrase is not a conventional one, and its meaning should be clarified in the beginning of the manuscript and a reference for this term should be given.

2. Introduction. Par 1.1 a spelling of "electromyogram" should be corrected.

3. Methods. The mean daily chlorpromazine equivalent dose should be written with the range. The same data should be given about clozapine.

4. Methods. The conditions of the examination should be detailed for example what were the instructions given to the participants. In what hours of the day the examinations were taken? It is important information as the neuroleptic-induced movement disorders fluctuate during a day.

5. Discussion. Par 4.3. The description of TD in this paragraph concerns more to classical TD, but not to TD as a general term.

What next?: Accept after minor essential revisions

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'