Reviewer's report

Title: Elevated Serotonin Transporter Density of Midbrain in Mixed Mania: A Case Study

Version: 2 Date: 12 August 2004

Reviewer: Swen Hesse

Reviewer's report:

General

The paper of Tolmunen and co-workers now revised is the first report on SERT availability in manic state. The interesting finding of an elevated SERT availability should further be replicated. We recommend to accept the article for publication in BMC Psychiatry.

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Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)

None

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Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)

None

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Discretionary Revisions (which the author can choose to ignore)

A few minor concerns: We would suggest to the authors to use rather AVAILABILITY instead of DENSITY since availability do more reflect the functional aspect. We also suggest to write in the ABSTRACT/case presentation: ... midbrain and ELEVATED dopamine transporter..., on page 9/3rd line:... DAT binding... instead of DAT-binding... . Page 17: minor typographical error: van Dyck.

What next?: Accept after discretionary revisions

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No

Declaration of competing interests:

Swen Hesse has received travel grants for scientific meetings from Amerhsam Health (now part of General Electric Healthcare).