Reviewer’s report

Title: Progressive neurological disease induced by tacrolimus in a renal transplant recipient: Case report.

Version: 1  Date: 16 December 2005

Reviewer: MC Nassogne

Reviewer’s report:

General

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

1. We don’t have any informations concerning the renal problem of the patient. This information is crucial for the understanding of the neurological problem. For example: is the renal problem associated with other organ involvement (mitochondrial disease, Fabry disease, ...)

2. The quality of the MRI pictures is poor. We don’t have the informations concerning the first picture: FLAIR ?, Diffusion. Probably, this report will interest neurologists and they need more detailed pictures. Is it possible to have the informations about the sequences used (T1, T2, FLAIR, ...).

3. Are the lesions reversible? A new MRI performed after the discontinuation of tacrolimus will probably give a lot of informations for this case. Is it possible to have this information for the patient.

4. What about the mechanisms of tacrolimus toxicity? The authors could made some comments about the pathophysiological mechanisms.

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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)

1. Is he term "progressive" correct? Probably, i will prefer "subacute neurological"??

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Discretionary Revisions (which the author can choose to ignore)

What next?: Unable to decide on acceptance or rejection until the authors have responded to the major compulsory 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:

I declare that I have no competing interests