Reviewer’s report

Title: Exploration with 18F-FDG PET/CT of New Ways of Determination of Safe Surgical Margins for Soft Tissue Sarcoma

Version: 1 Date: 18 March 2011

Reviewer: Jose R Garcia

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BACKGROUND
THERE IS NO REFERENCE TO ANY STUDY WITH 18F-FDG TO DELIMITATE MARGINS OF LESIONS.

DISCUSSION
ALSO, IT SEEMS NECESSARY TALK ABOUT OTHERS STUDIES WITH FDG TO DELIMITATE MARGINS OF LESIONS.

ANOTHER KEY QUESTIONS IT IS THE USE OF 18F-THIMIDINE, BIBLIOGRAPHY SEEMS IT IS SUPERIOR TO DEFINE TUMOR BORDER

THE AUTHORS SAYS THAT IT IS POSSIBLE TO DO AROUND VESSELS, THIS IS NOT POSSIBLE BECAUSE THE PHISIOLOGICAL ACTIVITY IN THEM. I THINK THE RESULTS ARE GOOD BECAUSE IT IS LOCATED IN SOFT TISSUE.

When assessing the work, please consider the following points:

1. Is the question posed by the authors well defined? YES
2. Are the methods appropriate and well described? YES
3. Are the data sound? YES
4. Does the manuscript adhere to the relevant standards for reporting and data deposition? YES
5. Are the discussion and conclusions well balanced and adequately supported by the data? MEDIUM
6. Are limitations of the work clearly stated? MEDIUM
7. Do the authors clearly acknowledge any work upon which they are building, both published and unpublished? MEDIUM
8. Do the title and abstract accurately convey what has been found? MEDIUM
9. Is the writing acceptable? YES