Reviewer's report

Title: Radiofrequency Ablation of Liver Lesions: Quantitative Assessment of Treatment Completeness through CT Image Processing.

Version: 1  Date: 18 October 2011

Reviewer: Eren Berber

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- Major Compulsory Revisions

This is a study aiming at determining objective criteria to evaluate the completeness of RFA. My comments include:

1. Although, the idea is novel, it seemed to be a complicated method to propose. In how many of these cases was the incomplete ablation obvious with conventional assessment? What is the proposed benefits of this methodology over the conventional assessment?

2. What was the clinical follow up of the lesions presumed to be incompletely ablated?

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

Quality of written English: Needs some language corrections before being published

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

Declaration of competing interests:

I have no competing interests.