Reviewer’s report

Title: The Pilot Experience upon Surgical Ablation of Large Liver Tumor by Microwave System with Tissue Permittivity Feedback Control Mechanism

Version: 2 Date: 16 May 2014

Reviewer: Philipp Renner

Reviewer’s report:

I reviewed the manuscript by Liang and colleagues with great interest. The authors address the question whether the use of a modern microwave ablation system is safe in patients with non-resectable liver tumors exceeding 4 cm in diameter. This is a relevant question, especially considering the limitations of RFA in large liver tumors. Despite the small sample size of 23 patients, the well presented data seem promising and suggest MWA as a potentially safe and effective procedure in this cohort of patients.

Minor Essential Revisions:
1) Please describe why liver tumors were classified as “inoperable”.
2) Please check the spelling. For example, “form” instead of “from” in the results section (line 5).
3) Furthermore, consider professional English editing.

Level of interest: An article of importance in its field

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 declare that I have no competing interests.