

Peer Review File

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Reviewer A:

Well-written review. I suggest mentioning HIFU as a totally non-invasive ablative modality. **I mentioned HIFU in introduction section page 1.**

Reviewer B:

- the acronyms used in the manuscript are excessive and unclear. I suggest a list of acronyms at the end of the manuscript using more common acronyms. For example, the author uses TA (thermo-ablation) without the description of the entire terms. I suggest to use it also for the approach: LTA for laparoscopic TA, PTA for percutaneous TA etc.

RPT should be substituted by RCT (randomized controlled trial) **Acronyms have been added at the end of the paper and proper corrections in text have been made.**

In the table 1, the column method should be substituted with type of approach. **Done**

- Author should add a reference regarding the use of TA in association with resection (with adequate comments):

Short- and long-term outcomes of hepatectomy combined with intraoperative radiofrequency ablation for patients with multiple primarily unresectable colorectal liver metastases: a propensity matching analysis. Liu M, Wang K, Wang Y, Bao Q, Wang H, Jin K, Liu W, Xing B. HPB (Oxford). 2021 Oct;23(10):1586-1594 **Added reference and comments in the last part of discussion (pag 11).**

- the paragraph Ablation therapies Vs surgical resection, is it always an impair match? requires further comments including most recent reviews and metaanalyses:

Microwave Ablation for Colorectal Liver Metastases: A Systematic Review and Pooled Oncological Analyses. Mimmo A, Pegoraro F, Rhaïem R, Montalti R, Donadieu A, Tashkandi A, Al-Sadairi AR, Kianmanesh R, Piardi T. Cancers (Basel). 2022 Mar 3;14(5):1305 **This review with proper comments was added in the tips and tricks section (pag 4) and not in the the paragraph Ablation therapies Vs surgical resection, because in the paper it's not mentioned any match among strategies.**

The prognosis of radiofrequency ablation versus hepatic resection for patients with colorectal liver metastases: A systematic review and meta-analysis based on 22 studies.

Yang G, Wang G, Sun J, Xiong Y, Li W, Tang T, Li J. Int J Surg. 2021 Mar;87:105896. **Added in**

the paragraph Ablation therapies Vs surgical resection, is it always an impair match?

(Pag 9).