PLOS ONE

CORRECTION

Correction: 3D modeling of vector/edge finite element method for multi-ablation technique for large tumor-computational approach

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There are errors in the captions of Figs 3, 6, 7, 8, 9 and 10. Please see the complete, correct Figs 3, 6, 7, 8, 9 and 10 captions here.

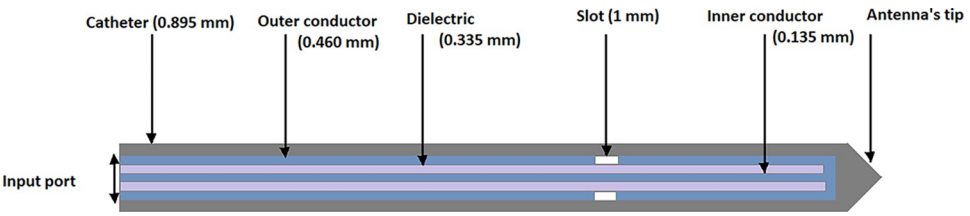

Fig 3. Antenna Geometry.

https://doi.org/10.1371/journal.pone.0316568.g001

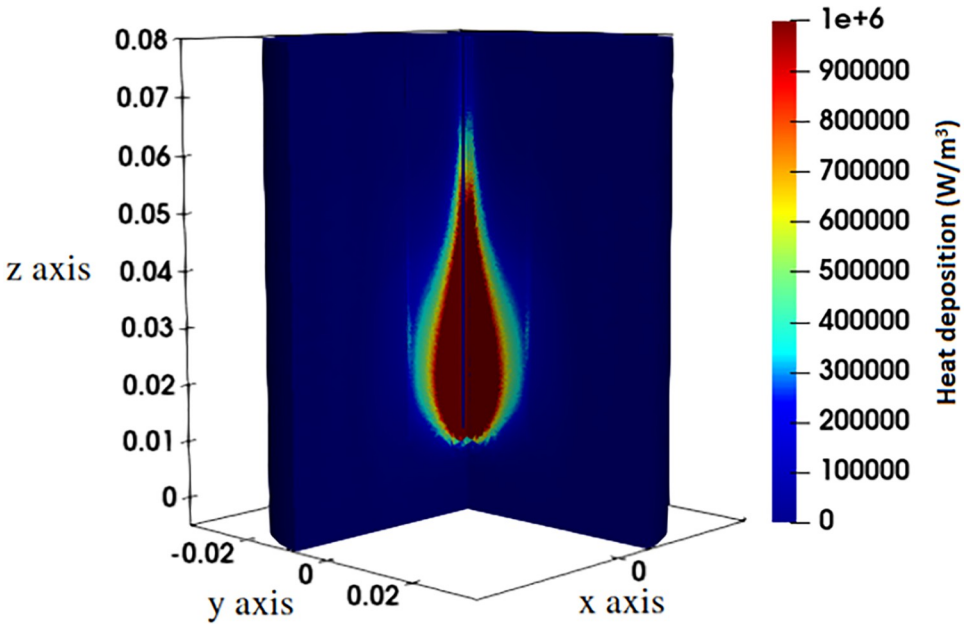

Fig 6. The microwave heat deposition (W/m^3) within the liver tissue at position P_1 using input power 50 W and frequency 2.45 GHz.

https://doi.org/10.1371/journal.pone.0316568.g002

Citation: Boregowda G, Mariappan P (2024) Correction: 3D modeling of vector/edge finite element method for multi-ablation technique for large tumor-computational approach. PLoS ONE 19(12): e0316568. https://doi.org/10.1371/journal.pone.0316568

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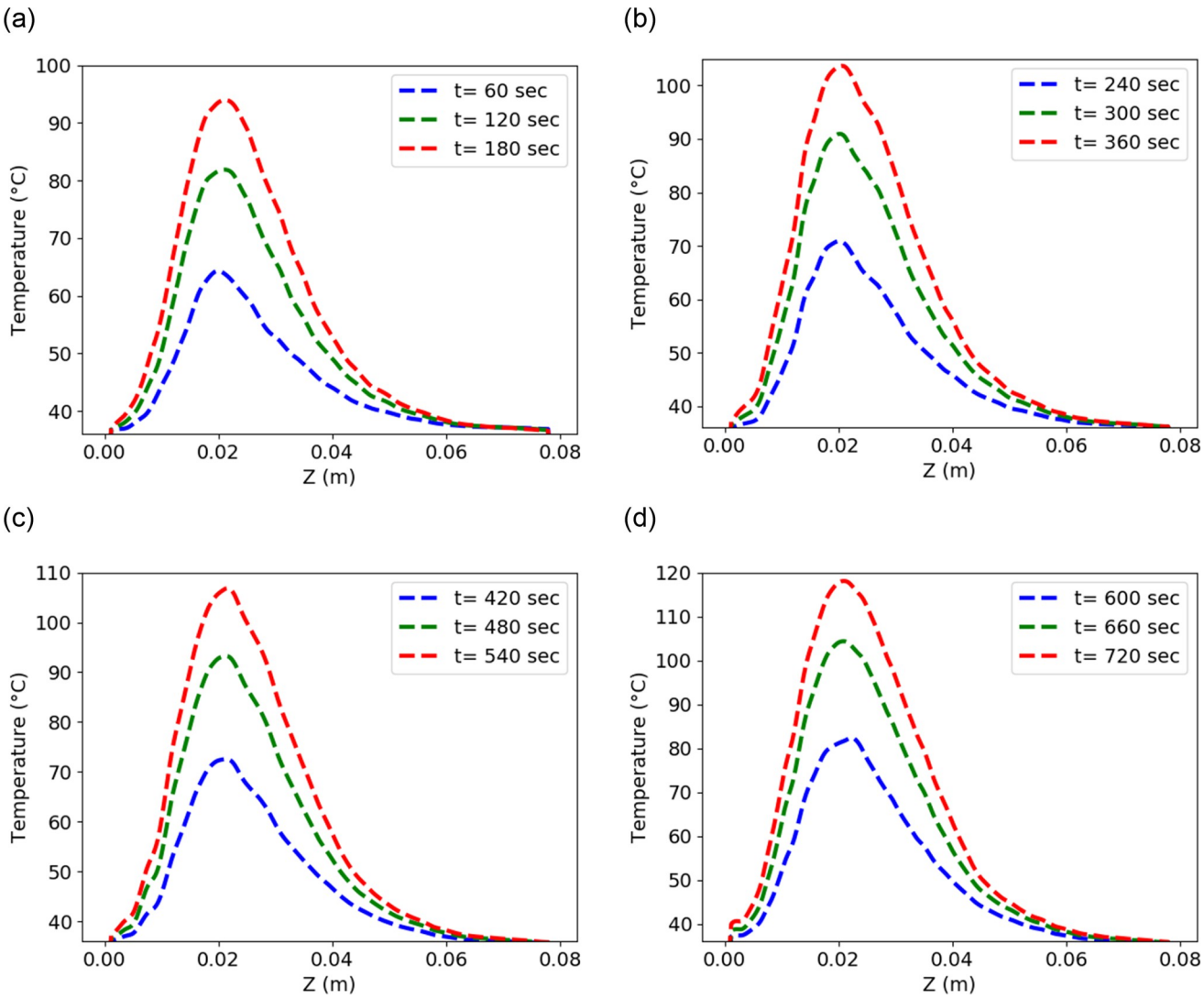

Fig 7. Temperature distribution using input power 50 W and frequency of 2.45 GHz in the liver along the line parallel to the antenna at (a) position P_1 (b) position P_2 (c) position P_3 (d) position P_4.

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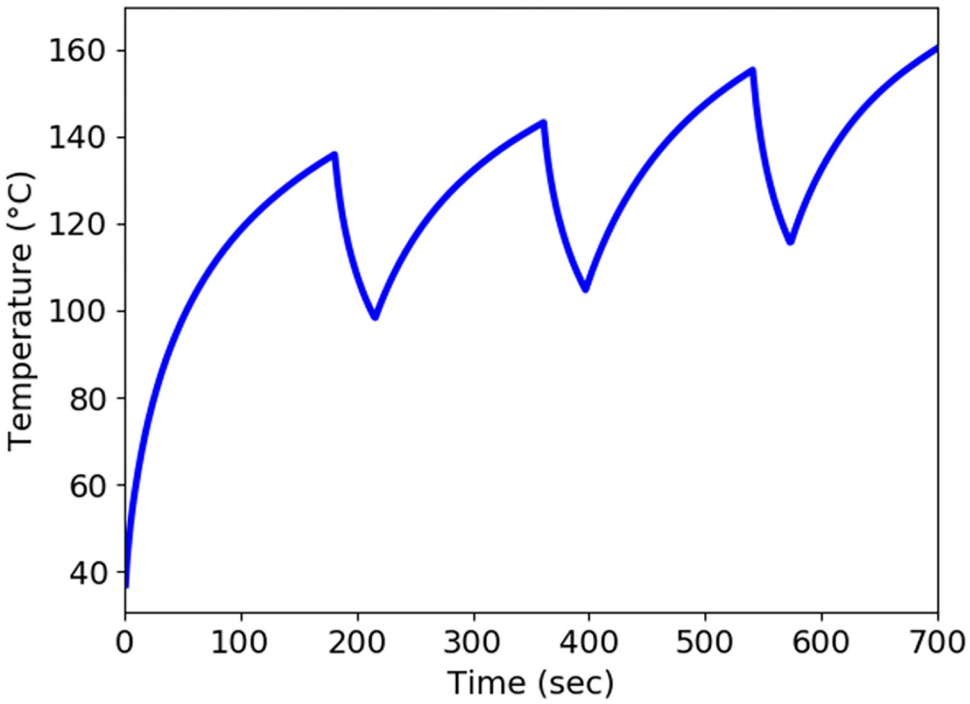

Fig 8. Temperature profile near the slot in the liver at input power 50 W and frequency of 2.45 GHz during the treatment.

https://doi.org/10.1371/journal.pone.0316568.g004

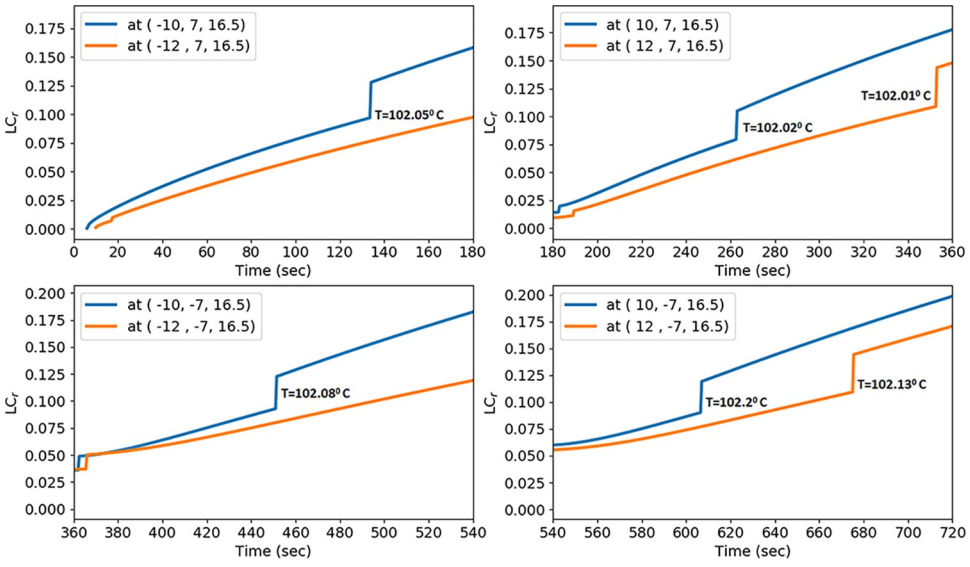

Fig 9. Localized contraction at microwave power 50 W at 3 mm and 5 mm away from the position P_1,P_2, P_3, and P_4 for time intervals [0, 180], [180, 360], [360, 540], and [540, 720], respectively.

https://doi.org/10.1371/journal.pone.0316568.g005

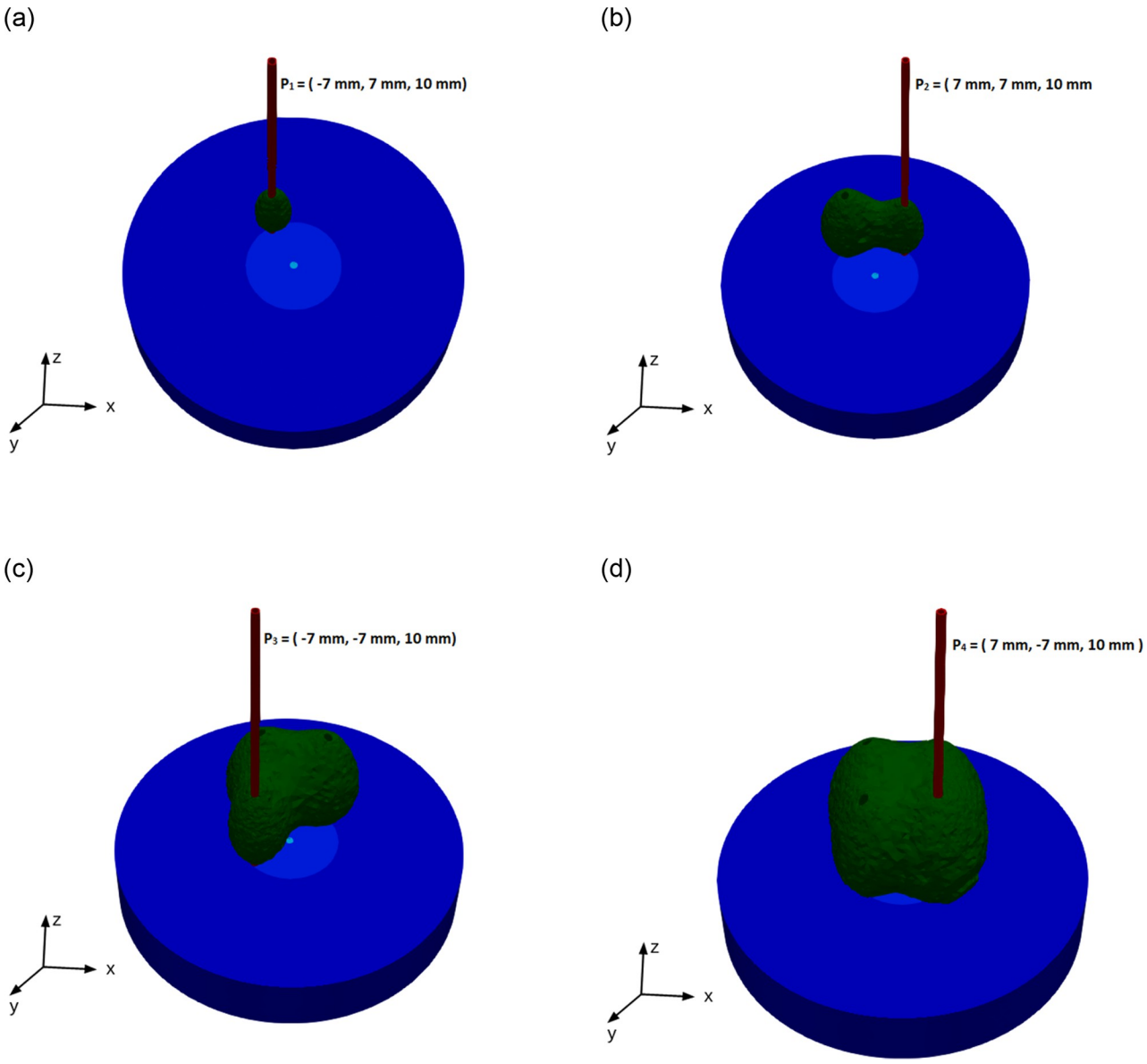

Fig 10. Ablation zone at (a) t = 180 sec (b) t = 360 sec (c) t = 540 sec (d) 720 sec.

https://doi.org/10.1371/journal.pone.0316568.g006

Reference

1. Boregowda G, Mariappan P (2023) 3D modeling of vector/edge finite element method for multi-ablation technique for large tumor-computational approach. PLOS ONE 18(7): e0289262. https://doi.org/10.1371/journal.pone.0289262 PMID: 37506084