

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.

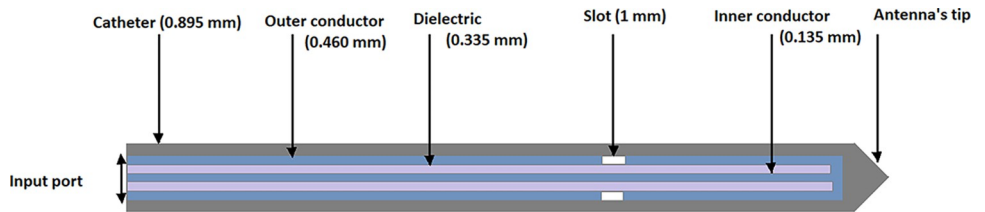


Fig 3. Antenna Geometry.

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



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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>

Published: December 26, 2024

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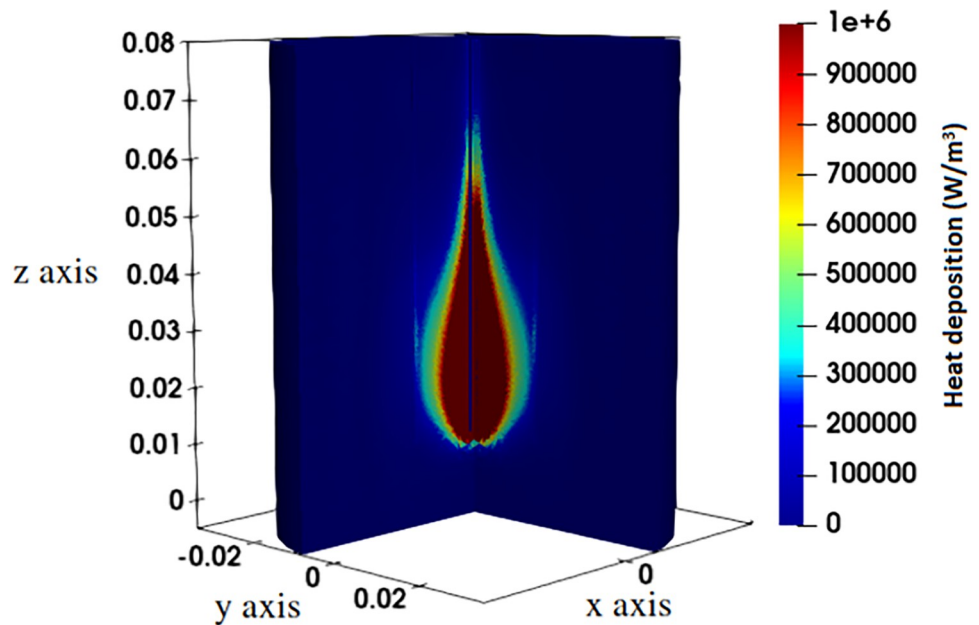


Fig 6. The microwave heat deposition (W/m^3) within the liver tissue at position P_1 using input power 50 W and frequency 2.45 GHz.

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

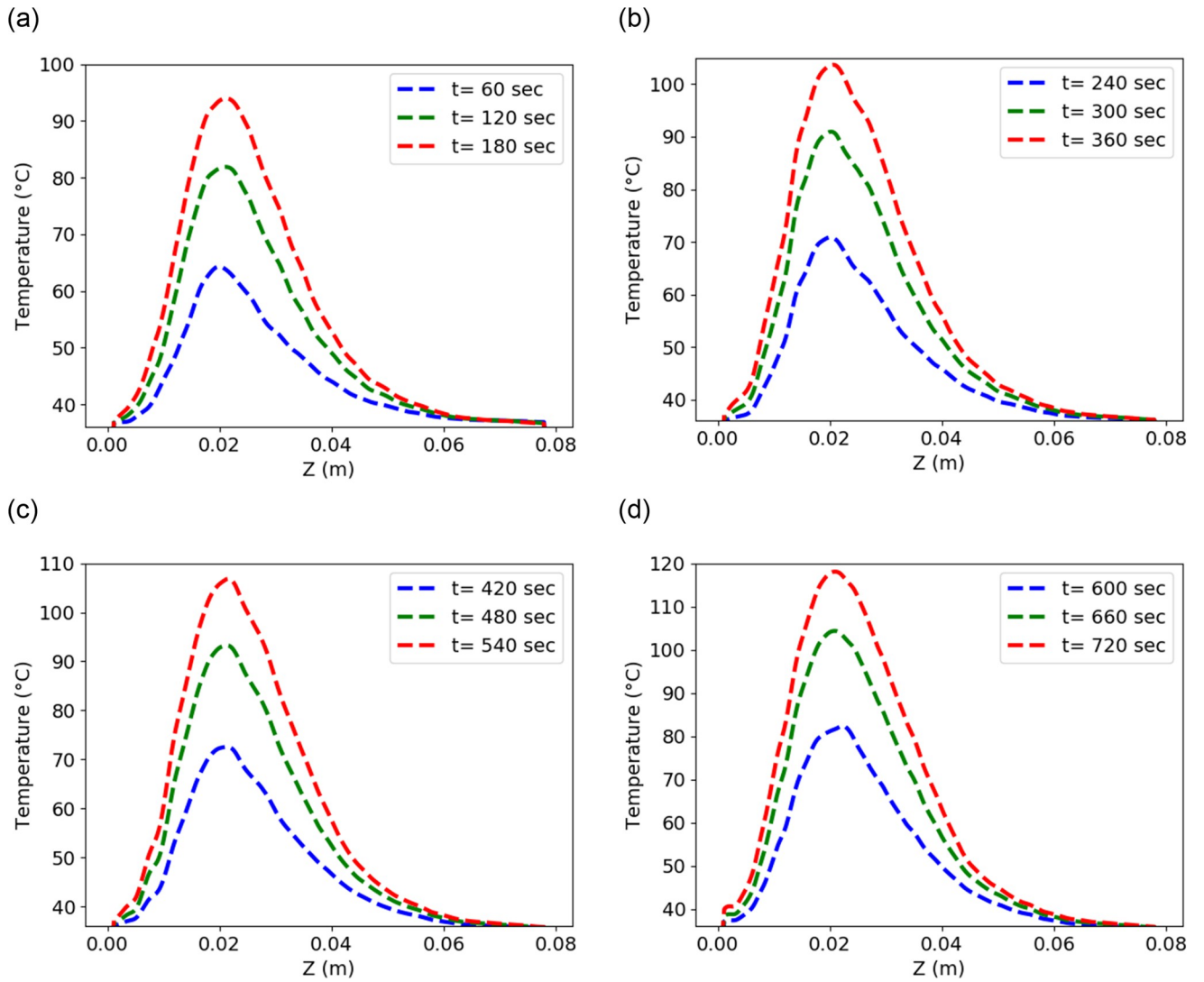


Fig 7. Temperature distribution using input power 50 W and frequency of 2.45 GHz in the liver along the line parallel to the antenna at (a) position P_1 (b) position P_2 (c) position P_3 (d) position P_4 .

<https://doi.org/10.1371/journal.pone.0316568.g003>

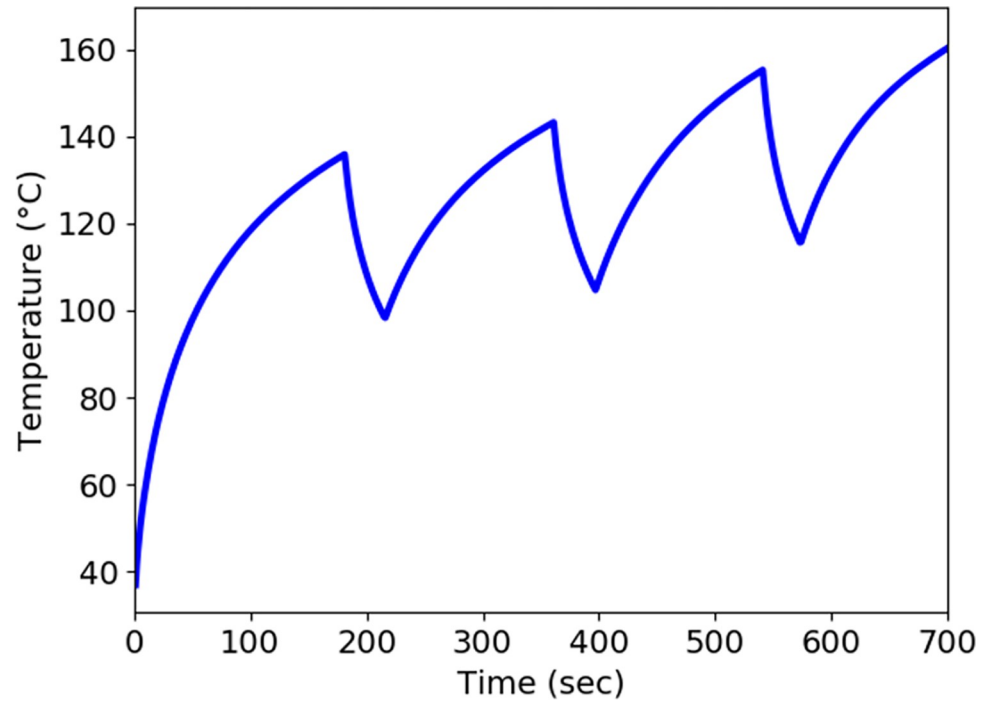


Fig 8. Temperature profile near the slot in the liver at input power 50 W and frequency of 2.45 GHz during the treatment.

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

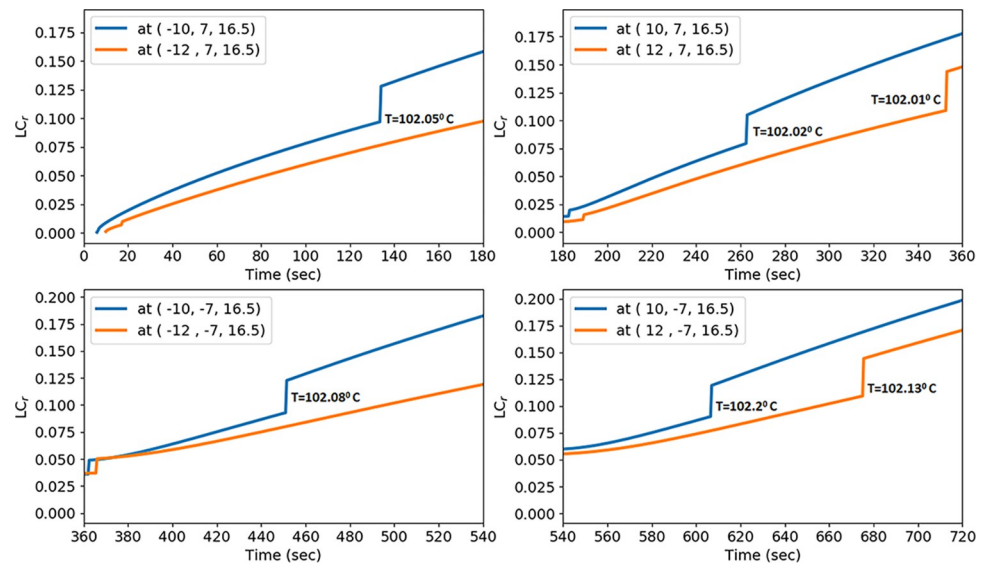


Fig 9. Localized contraction at microwave power 50 W at 3 mm and 5 mm away from the position $P_1, P_2, P_3,$ and P_4 for time intervals [0, 180], [180, 360], [360, 540], and [540, 720], respectively.

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

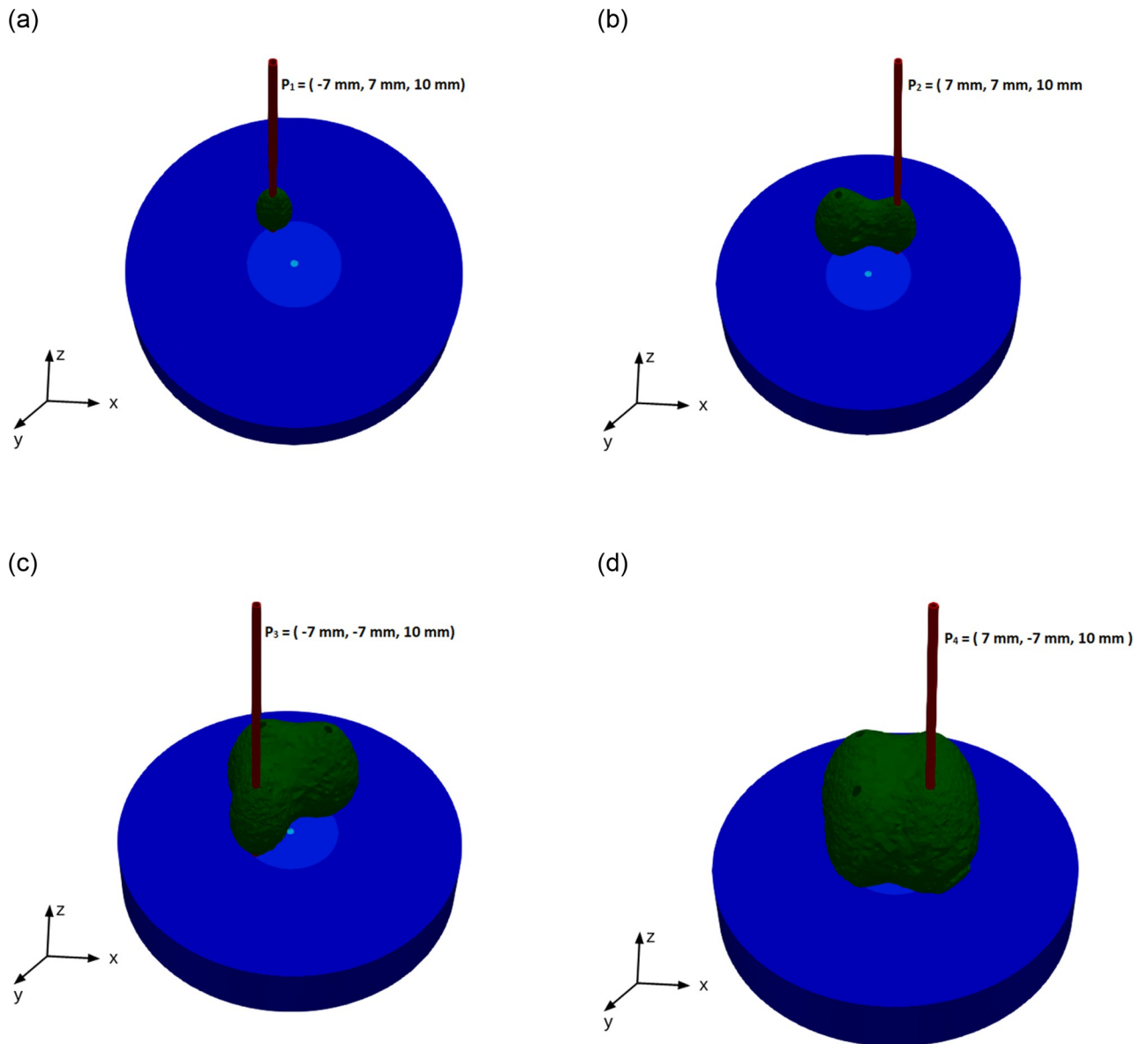


Fig 10. Ablation zone at (a) $t = 180 \text{ sec}$ (b) $t = 360 \text{ sec}$ (c) $t = 540 \text{ sec}$ (d) 720 sec .

<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