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Magnetically programmable 3D printing of liquid metal robots for targeted therapy

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Running title: Magnetically 3D-printed LM robots for therapy

Supplementary File

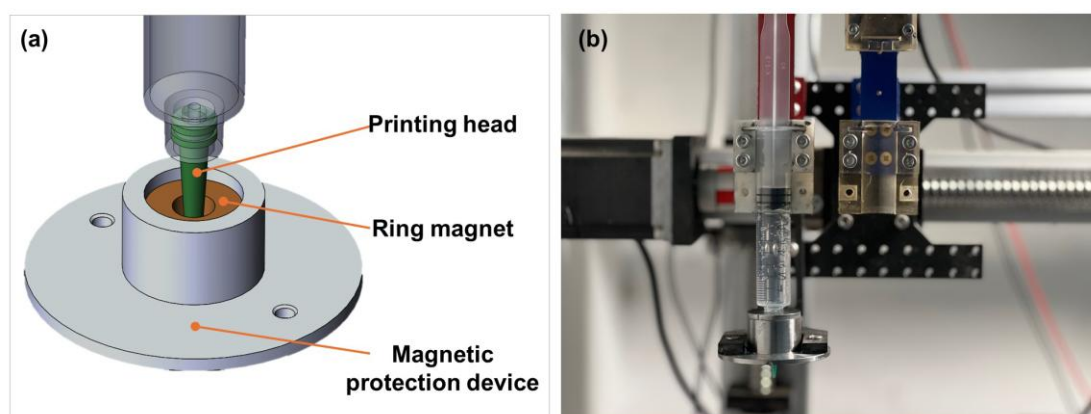


Figure S1. (a) Schematic diagram and (b) photo of the device of magnetic field-assisted direct ink writing 3D printing.

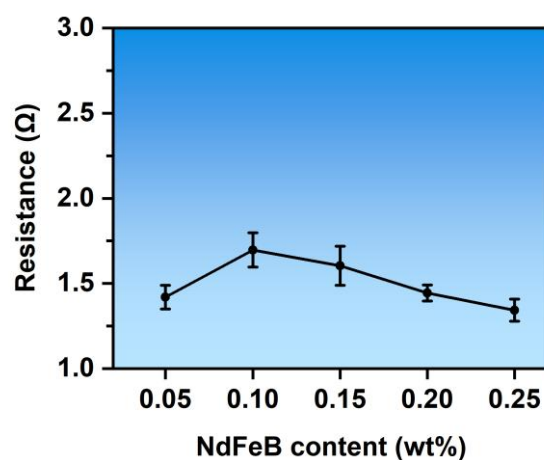


Figure S2. Resistance of MLM at different NdFeB mass ratios.

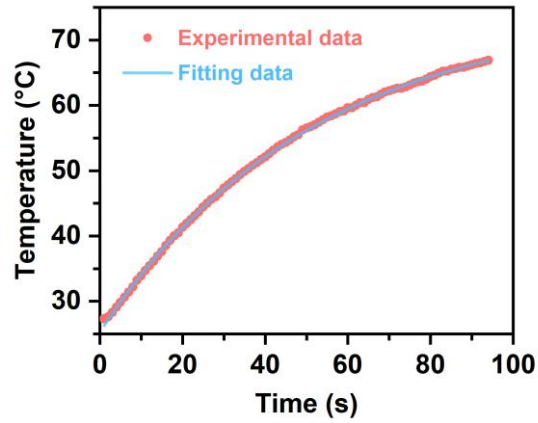


Figure S3. Temperature rise fitting curve of MLME.

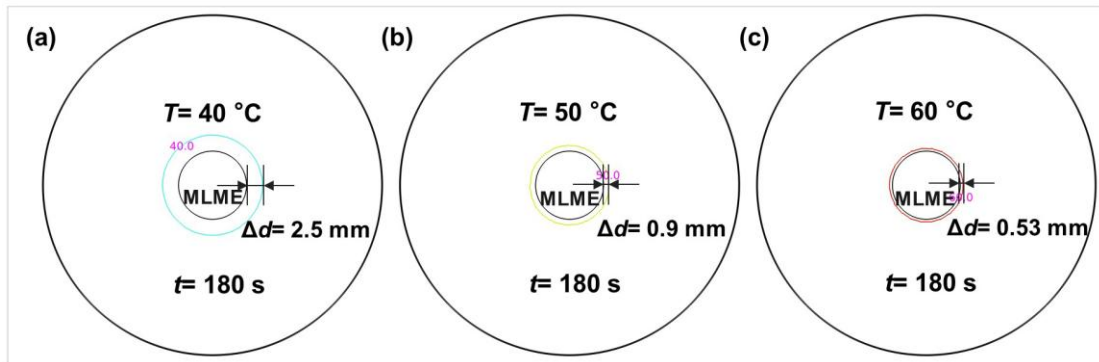


Figure S4. Isothermal contour analysis of thermal diffusion in the simulated intestinal tissue. (a) $T=40\text{ }^{\circ}\text{C}$; (b) $T=50\text{ }^{\circ}\text{C}$; (c) $T=60\text{ }^{\circ}\text{C}$. The inner black circle represents the outer boundary of the circular MLME heater, and the outer black circle represents the boundary of the intestinal tissue model.