**Supplementary Information** 

Blood-Brain Barrier Opening in Primary Brain Tumors with Non-invasive MR-Guided Focused Ultrasound: A Clinical Safety and Feasibility Study

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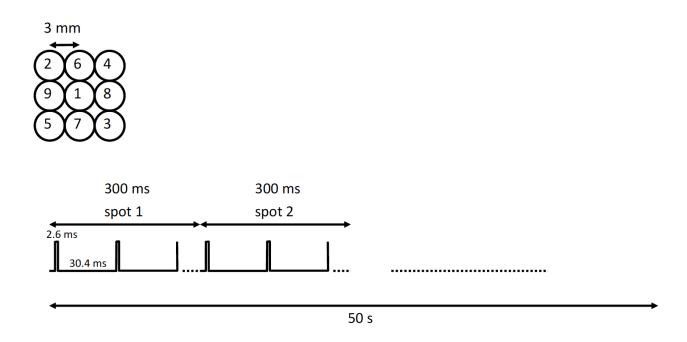


Figure S1.

Sonication grid: spatial and temporal representation of each of nine targeted ultrasound spots within a sonication grid.

Patient	No. of Targets	Grid Dimensions <sup>a</sup> (cm <sup>3</sup> )	Range of Actual Sonication Power (Watts)	Maximal Sonication Duration (Seconds)
1	2	0.9 x 0.9 x 0.6	5-9	50 s repeated
2	4	0.9 x 0.9 x 0.6	6-7.5	50 s repeated
3	5	0.9 x 0.9 x 0.6	8-10	50 s repeated
4 <sup>b</sup>	2	0.9 x 0.9 x 0.6	6-7.5	50 s repeated
5	5	0.9 x 0.9 x 0.6	4-15	50 s repeated

Table S1.

Sonication parameters

<sup>a</sup> Grid dimensions: (Anterior-Posterior x Medial-Lateral x Superior-Inferior).

<sup>b</sup> Patient aborted prior to central tumor sonication due to back pain