



Supplementary Figure 1: Acoustic setup for sonothrombolysis.

Supplementary Table 1: Tukey's multiple comparisons (ANOVA) test on mean grey intensity vs MI

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Adjusted P-Value
US + PCNDs (MI=0.3) vs. US + PCNDs (MI=0.6)	5.939	3.730 to 8.148	<0.0001
US + PCNDs (MI=0.3) vs. US + SK loaded PCNDs (MI=0.3)	12.76	6.014 to 19.51	0.0011
US + PCNDs (MI=0.3) vs. US + SK loaded PCNDs (MI=0.6)	16.42	7.171 to 25.67	0.0017
US + PCNDs (MI=0.6) vs. US + SK loaded PCNDs (MI=0.3)	6.825	2.101 to 11.55	0.0066
US + PCNDs (MI=0.6) vs. US + SK loaded PCNDs (MI=0.6)	10.48	3.150 to 17.82	0.0070
US + SK loaded PCNDs (MI=0.3) vs. US + SK loaded PCNDs (MI=0.6)	3.658	0.6786 to 6.638	0.0173

Supplementary Table: 2 Tukey's multiple comparisons (ANOVA) test on mean grey intensity vs time

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Adjusted P-Value
US 15 MIN vs. US+SK 15 MIN	7.243	0.02459 to 14.46	0.0493
US 15 MIN vs. US+SK 30MIN	13.16	-0.004023 to 26.33	0.0501
US 30 MIN vs. US+SK 15 MIN	5.205	-0.1017 to 10.51	0.0539
US 30 MIN vs. US+SK 30MIN	11.12	0.3998 to 21.85	0.0433
US+ PCNDs 15 vs. US+ PCNDs 30	5.742	-0.1027 to 11.59	0.0536
US+ PCNDs 15 vs. US+SK 30MIN	10.78	3.641 to 17.92	0.0088

Supplementary Table3: Tukey's multiple comparisons (ANOVA) test on weight loss

Tukey's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Adjusted P-Value
US vs. US+ PCNDs	-15.40	-24.47 to -6.334	0.0079
US vs. US+SK	-29.80	-44.33 to -15.27	0.0039
US vs. US+SK LOADED PCNDs	-56.60	-68.72 to -44.48	0.0002
US+ PCNDs vs. US+SK	-14.40	-24.42 to -4.379	0.0145
US+ PCNDs vs. US+SK LOADED PCNDs	-41.20	-49.68 to -32.72	0.0002
US+SK vs. US+SK LOADED PCNDs	-26.80	-30.95 to -22.65	<0.0001