

Table S1: The ultrasonic transmission efficiency τ and the concavity depth d in different conditions

d(mm)	τ (%)					
	20k SDS solution	20k water	20k silicone oil(100 mpa·s)	20k silicone oil(200 mpa·s)	20k silicone oil(10 mpa·s)	40k water
0	0.2	0.2	0.1	0.2	0.2	0.2
0.3	4	5	3	4	5	8
0.6	9	10	6	10	9	17
0.9	14	15	10	15	14	28
1.2	20	21	15	21	21	39
1.5	28	29	20	27	28	52
1.8	35	36	28	33	35	
2.1	42	44	33	41	44	
2.4	51	52	41	52	54	
2.7	60	62	51	57	59	
3	71	75	60	66	70	