

Supplementary Material

Levothyroxine sodium loaded dissolving microneedle arrays for transdermal delivery

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Table S1: Mean weight, thickness and pH of the prepared MN arrays.

Formula code	Weight (mg)	Thickness (mm)	pH
F1	4.10	1.021	7.24
F2	5.72	1.023	7.20
F3	12.31	1.014	7.20
F4	17.65	1.026	7.17
F5	21.28	1.037	7.26
F6	25.72	1.024	7.16
F7	33.81	1.042	7.22
F8	38.89	1.041	7.16
F9	43.75	1.033	7.11
F10	51.21	1.036	7.29
F11	52.39	1.045	7.28
F12	52.97	1.043	7.32
F13	55.41	1.046	7.12

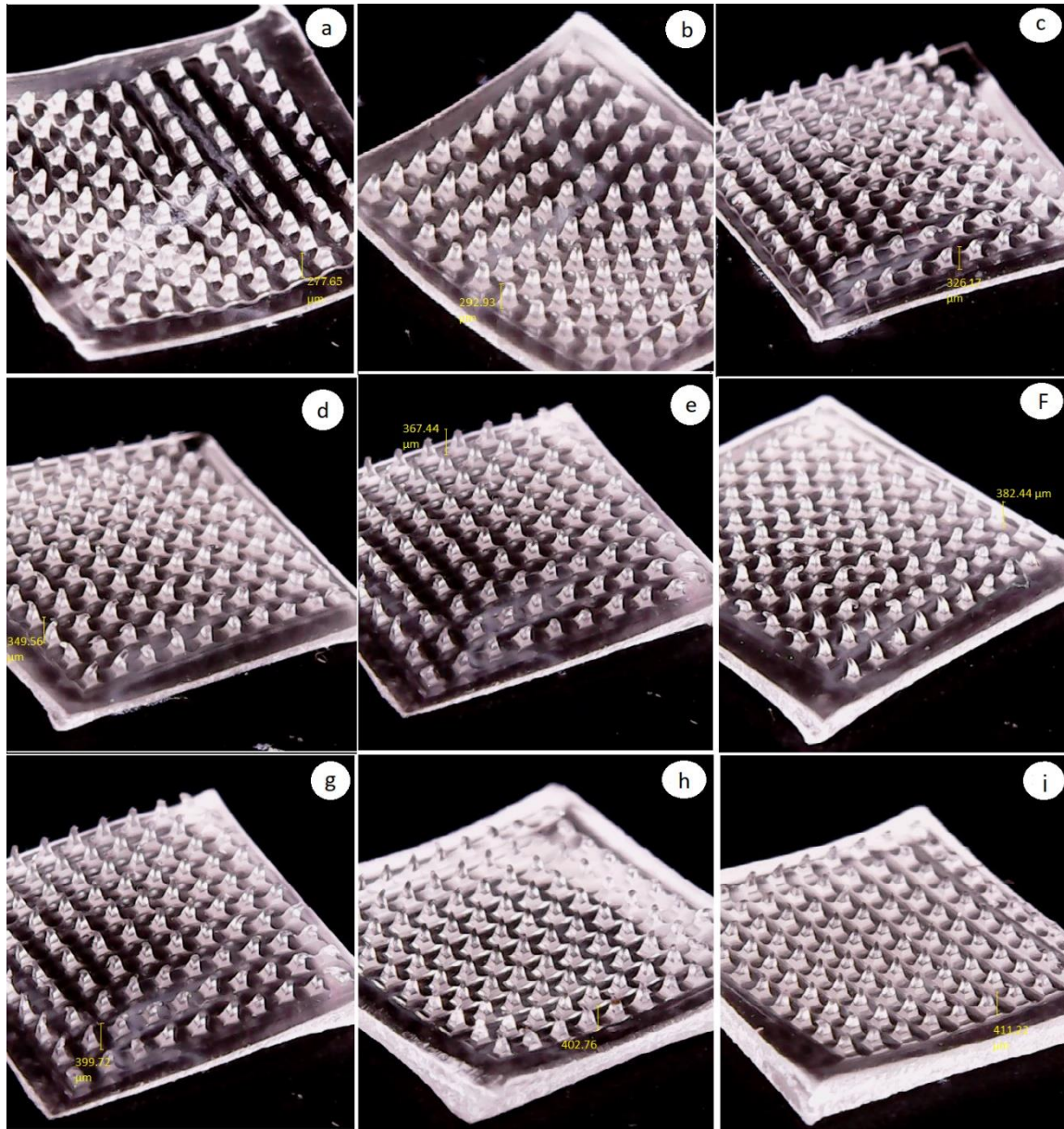


Figure 1S. Digital microscope images of MN arrays after compression using texture analyser, where (a) represents F3, (b) F4, (c) F5, (d) F6, (e) F7, (f) F8, (g) F9, (h) F10 and (i) F11.