

Supplementary Materials

Curcumin Release from Hydrogels Incorporated with Turmeric Extract-Cyclodextrin Complexes for Wound Dressing Applications

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S1. Incorporation of TECD in hydrogels

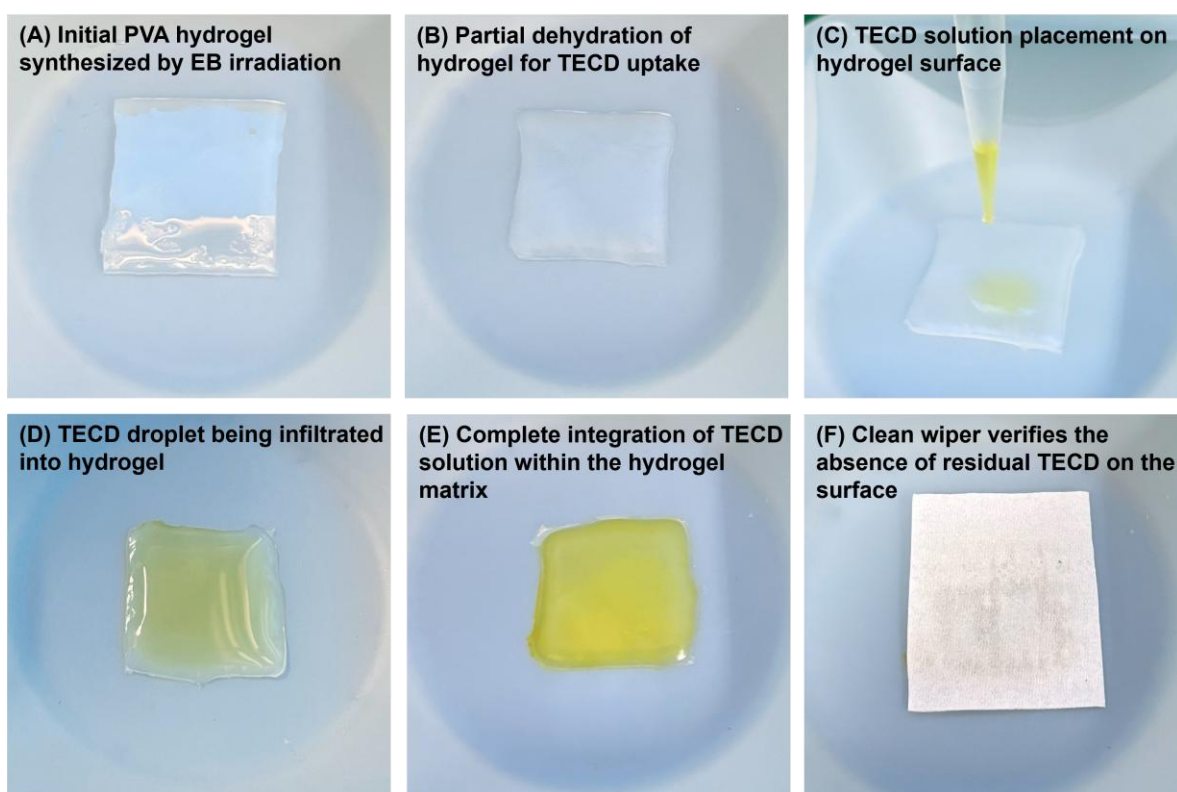


Fig. S1 Incorporation of TECD solution into PVA hydrogel. (A) Initial PVA hydrogel synthesized by electron beam (EB) irradiation; (B) Partial dehydration of hydrogel for TECD uptake; (C) TECD solution placement on hydrogel surface; (D) TECD droplet being infiltrated into hydrogel; (E) Complete integration of TECD solution within the hydrogel matrix; and (F) Clean wiper verifies the absence of residual TECD on the surface.

S2. Curcumin release of 10TECD-loaded hydrogels

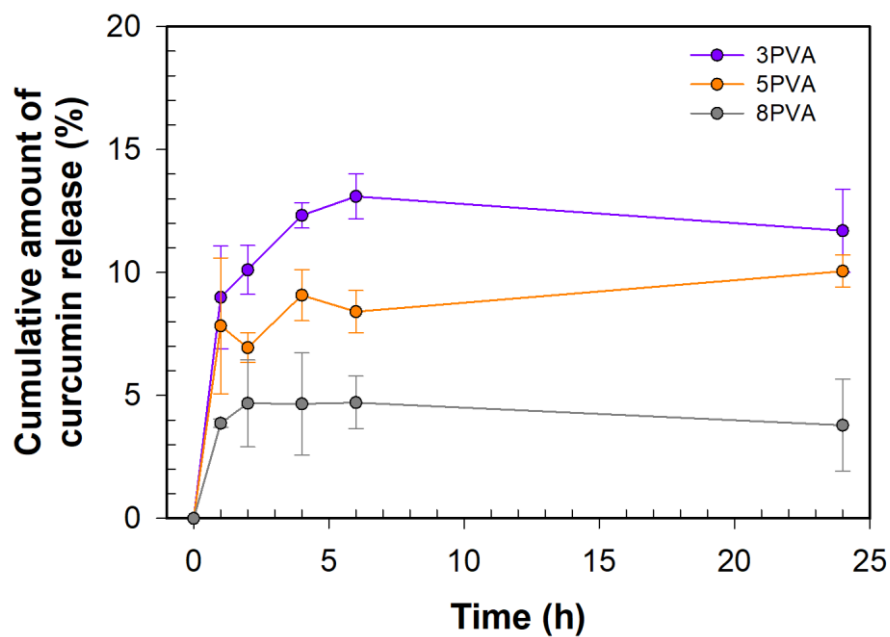


Fig. S2 Curcumin release profiles of 10TECD-loaded hydrogels.