

ELECTRONIC SUPPLEMENTARY INFORMATION

A thermosensitive hydroxybutyl chitosan hydrogel as a potential co-delivery matrix for drugs on keloid inhibition

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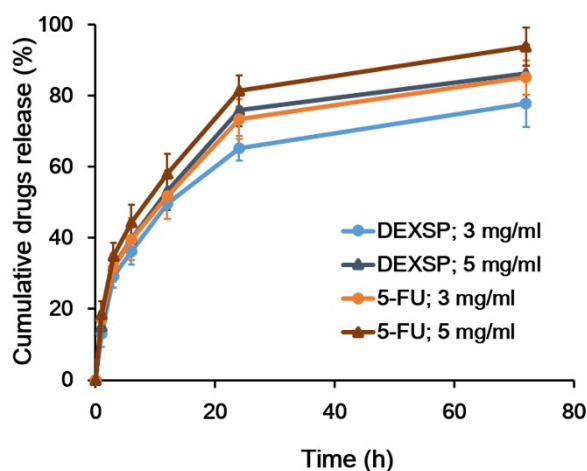


Fig. S1 *In vitro* release profiles of 5-FU and DEXSP from HBC hydrogels in the PBS (pH = 6.0, 0.02M). The results were expressed as mean \pm SD ($n = 3$).

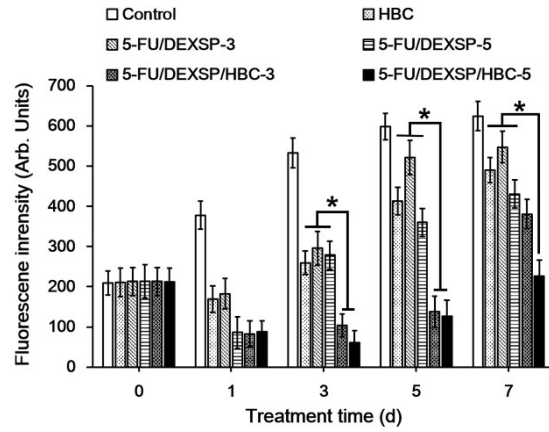


Fig. S2 The fluorescence intensity of KFs treated with HBC hydrogel, 5-FU/DEXSP-3 solution, 5-FU/DEXSP-5 solution, 5-FU/DEXSP/HBC-3 hydrogel and 5-FU/DEXSP/HBC-5 hydrogel obtained by Alamar Blue assay. The results were expressed as mean \pm SD ($n = 3$, * $p < 0.05$).

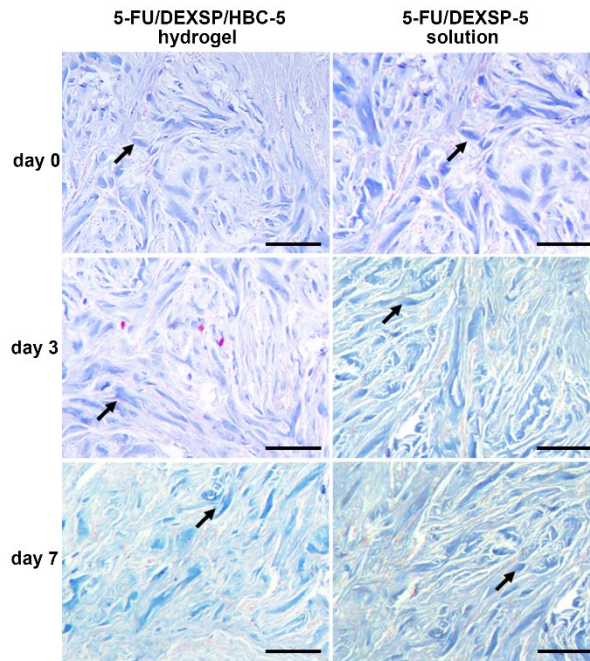


Fig. S3 Masson's staining of keloid biopsies treated with 5-FU/DEXSP/HBC-5 hydrogel and 5-FU/DEXSP-5 solution on day 0, 3 and 7. The hyalinised collagen fibres were indicated with *black arrows*. Scale bar 100 μ m.