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 ± 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 ± 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 μm.