

Supplementary information

An injectable double-crosslinking iodinated composite hydrogel as a potential radioprotective spacer with durable imaging function

Cheng Wang^{a,1}, Lingyun Wu^{b,1}, Wenxiang Li^b, Junhao Fei^a, Jiaqi Xu^b, Si Chen^{a,*},

Senxiang Yan^{b,*}, and Xu Wang^{a,*}

^a College of Materials Science& Engineering, Zhejiang University of Technology,
Hangzhou 310014, P. R. China.

E-mail: chensi@zjut.edu.cn

^b The First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou
310003, P. R. China.

Email: yansenxiang@zju.edu.cn

¹ These authors contributed equally to this work.

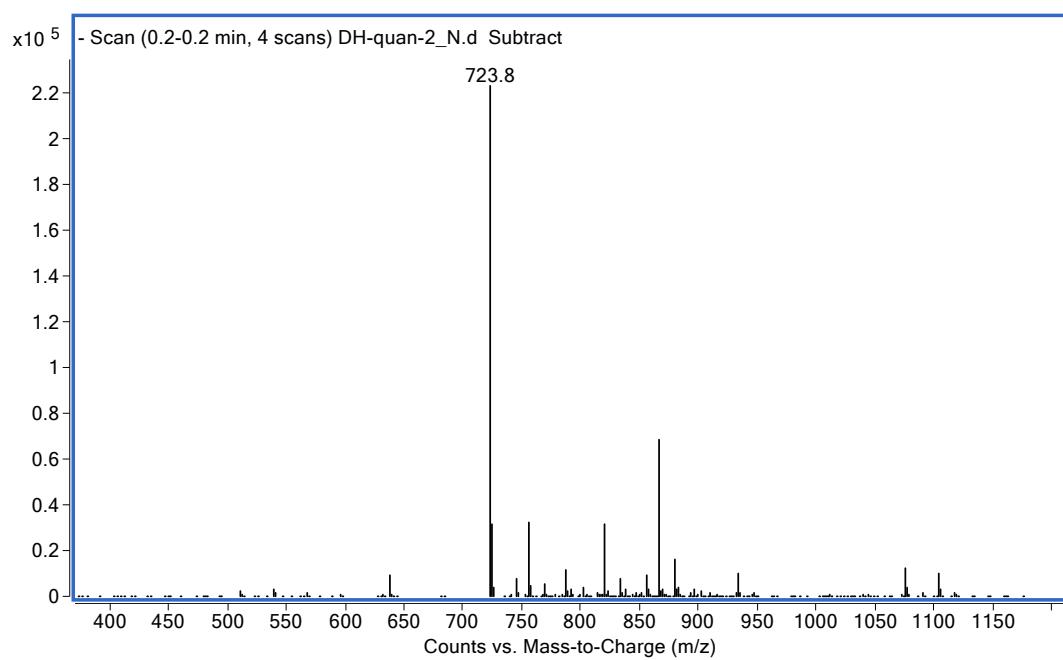


Figure S1. The mass spectrum of DHQ

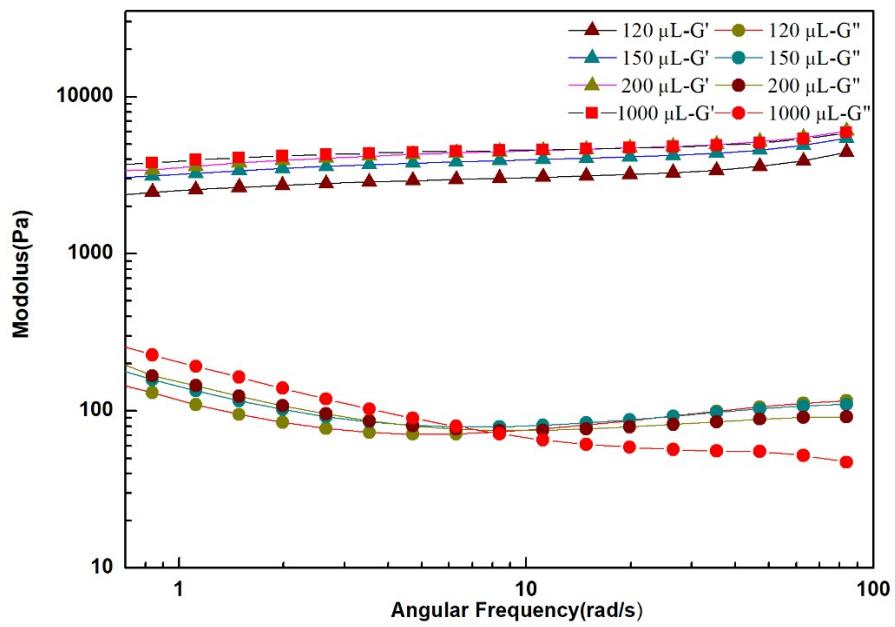


Figure S2. Rheology of the hydrogels in different crosslinking agent (CMC was fixed at 1 mL)

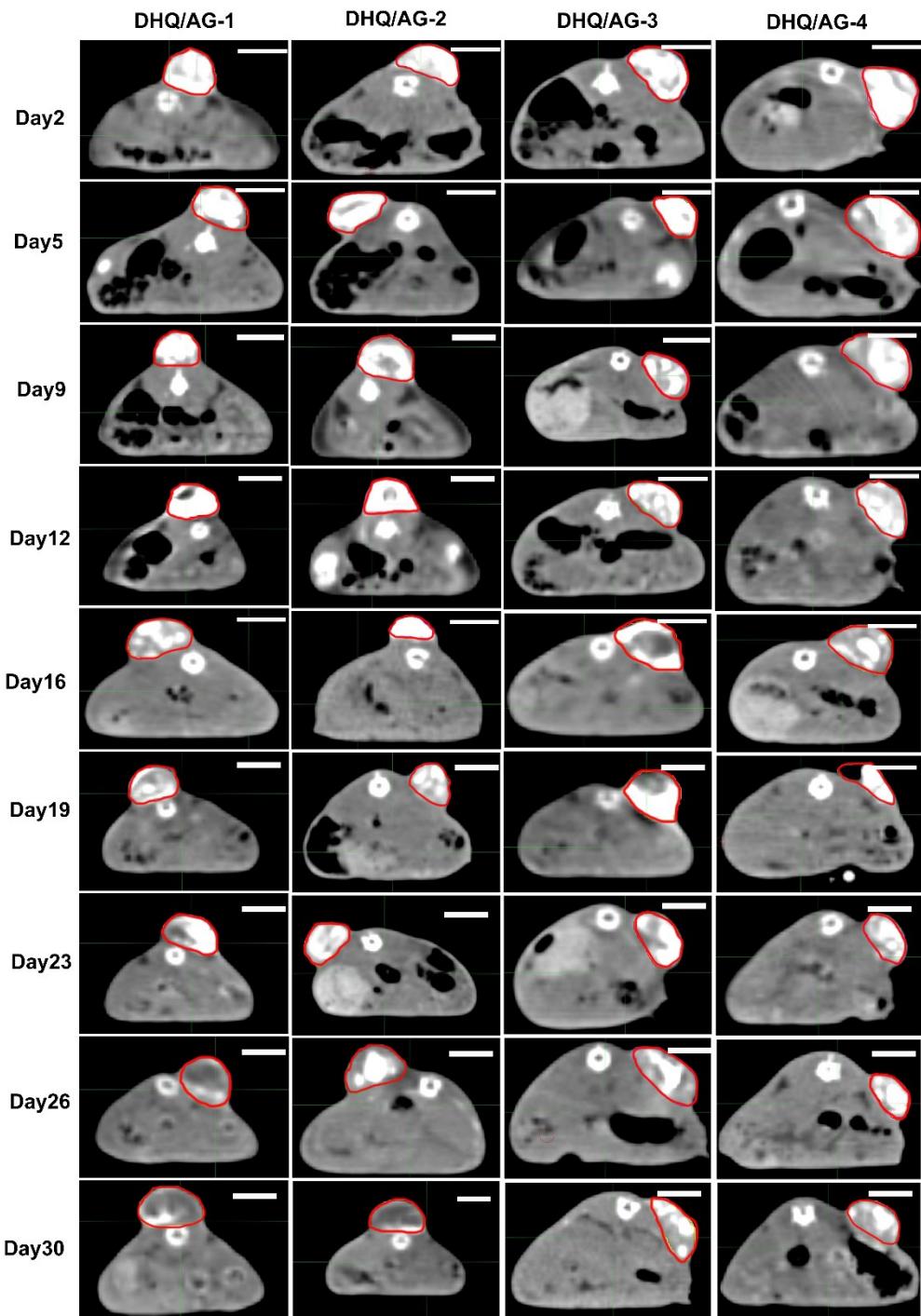


Figure S3. CT images of the hydrogels at each time point (scale bar = 3 cm).