

Electronic Supplementary Information

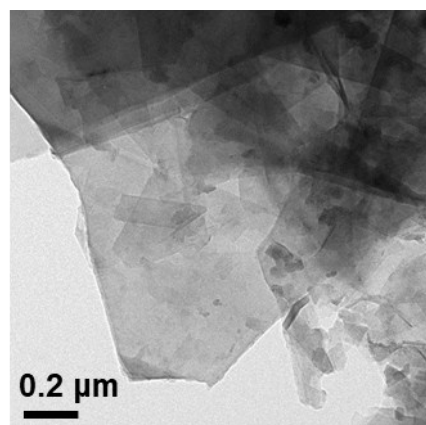


Figure S1 TEM image of the GO nanosheets after ultrasonic treatment.

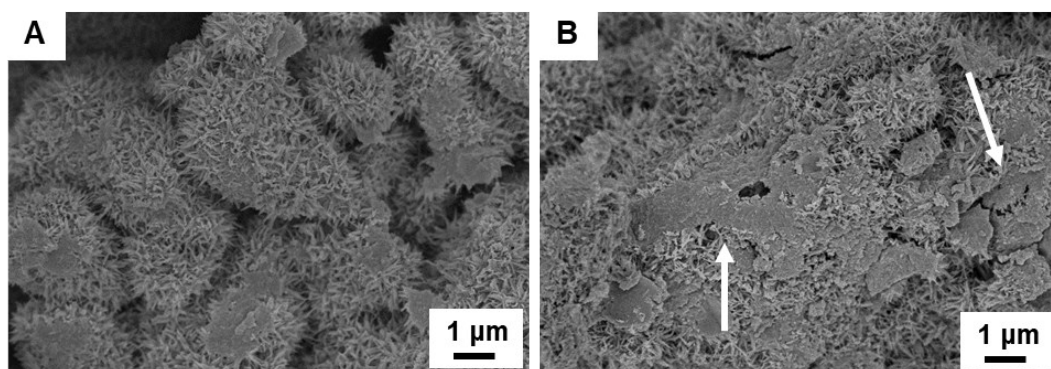


Figure S2 High magnification images of cross-section morphologies of CS (A) and CS-10GO (B) bone cement after hydration for 1 day. The white arrows in Figure S2B showed the morphology of hydration products around GO in the composite cement.

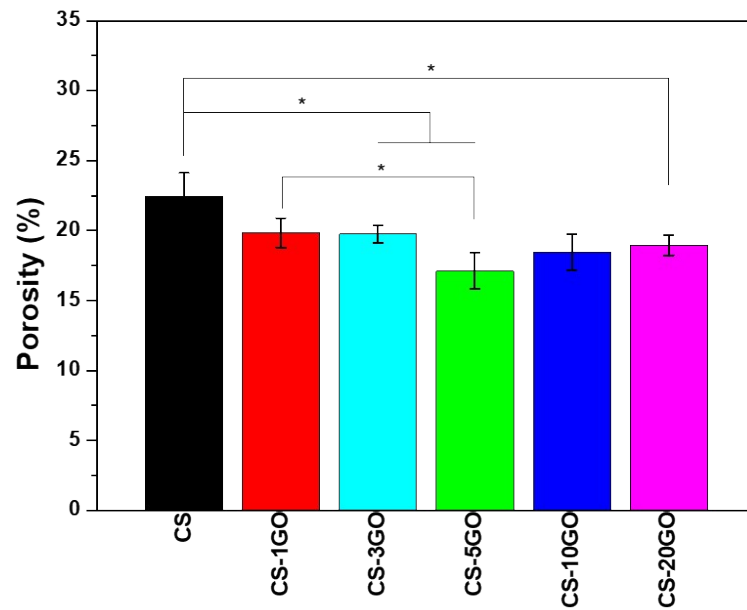


Figure S3 Porosity of the CS and CS/GO bone cements cured at 37°C for 1 d.

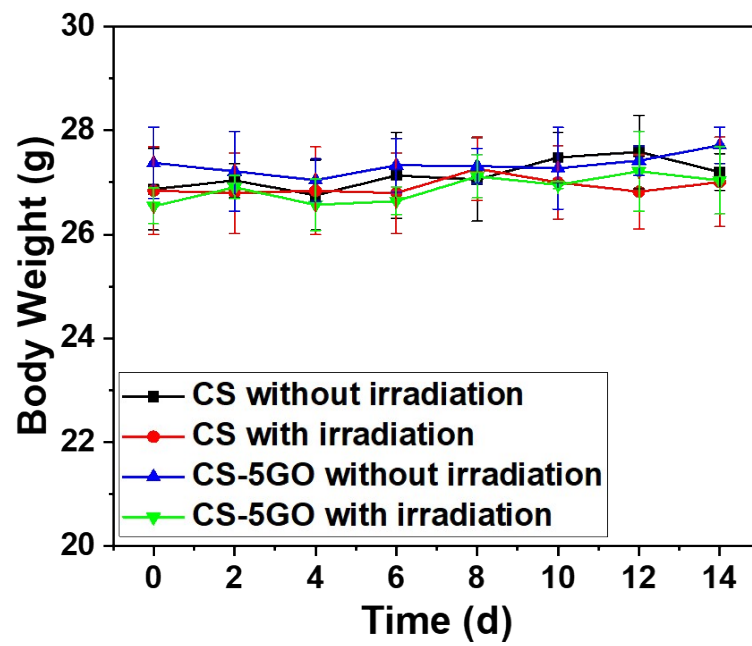


Figure S4 The body weight of nude mice during the therapy process.