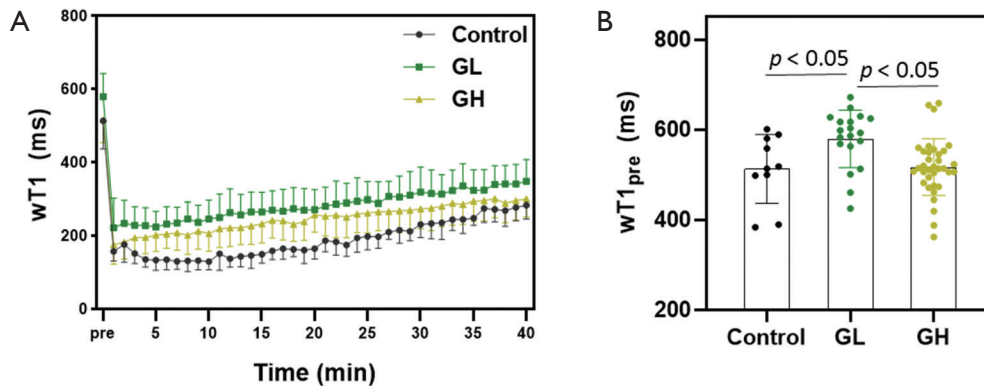


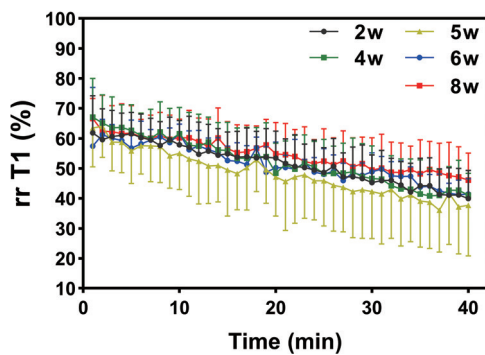
**Table S1** Effect of histopathological features on  $wT1_{pre}$  according to multiple regression analyses

	B	$\beta$	<i>t</i>	P	F	R <sup>2</sup>
$wT1_{pre}$					5.229**	0.170
Inflammation	-34.889	-0.506	-3.098	0.003		
Fibrosis	18.427	0.198	1.213	0.231		

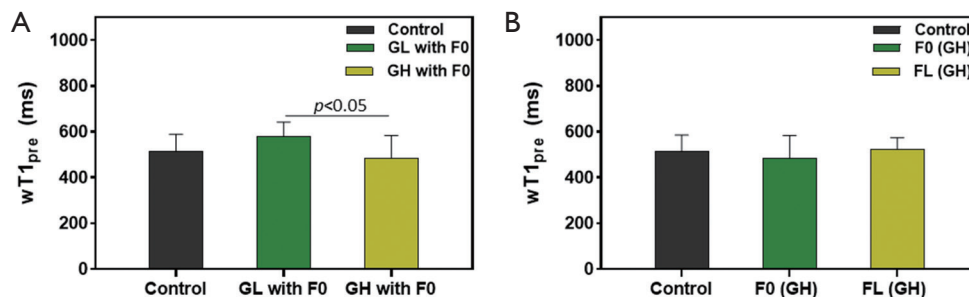
\*\* , P<0.01.  $wT1_{pre}$ , precontrast water-specific T1.



**Figure S1** The dynamic  $wT1$  change profiles across various inflammation grades. (A) The  $wT1$  change profiles before and after Gd-EOB-DTPA administration. (B) The precontrast  $wT1$  ( $wT1_{pre}$ ) values across various inflammation grades. Gd-EOB-DTPA, gadolinium ethoxybenzyl-diethylenetriaminepentaacetic acid;  $wT1$ , water-specific T1; GL, none-to-mild inflammation group (G0 + G1); GH, moderate-to-severe inflammation group (G2 + G3).



**Figure S2** The  $rrT1$  profile in the rats fed an MCD diet for 2, 4, 5, 6, and 8 weeks. Gd- $rrT1$ , reduction rate of water-specific T1 gadolinium ethoxybenzyl-diethylenetriaminepentaacetic acid enhancement; MCD, methionine- and choline-deficient.



**Figure S3** The  $wT1_{pre}$  values in the no-fibrosis group (F0=26 rats) and the GH group (GH =35 rats). (A) The  $wT1_{pre}$  values across various inflammation grades in the F0 group (control =10 rats, GL =19 rats, GH =7 rats). (B) The  $wT1_{pre}$  values across various fibrosis grades in the GH group (control =10 rats, F0 =7 rats, FL =28 rats).  $wT1_{pre}$ , precontrast water-specific T1; GL, none-to-mild inflammation group (G0 + G1); GH, moderate-to-severe inflammation group (G2 + G3); F0, no-fibrosis group; FL, mild-to-moderate fibrosis group (F1 + F2).