

**Table S1** Comparison of AUCs between nomogram and other diagnostic markers

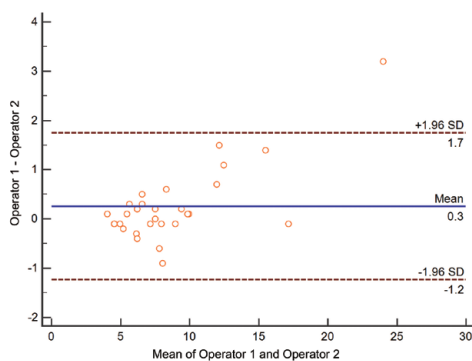
US features & SWE	Cutoff value	AUC <sup>†</sup>	P value <sup>‡</sup>
GB abnormality	N/A	0.82 (0.71, 0.87)	<0.001
TC thickness/mm	2.9	0.88 (0.80, 0.93)	0.02
Liver SWE	8.7	0.86 (0.77, 0.92)	0.01
ln (GGT)	255	0.88 (0.80, 0.94)	0.002
ln (ALT)	89	0.80 (0.71, 0.87)	<0.001
Nomogram	0.65	0.99 (0.94, 1.00)	N/A

<sup>†</sup>, Data are numbers of participants, with percentages in parentheses. <sup>‡</sup>, P values are compared with the AUC of nomogram using DeLong's test. ALT, alanine aminotransferase; AUC, area under the receiver operating characteristic curve; BA, biliary atresia; GB, gallbladder; GGT,  $\gamma$ -glutamyl transferase; SWE, shear wave elastography; TC, triangular cord.

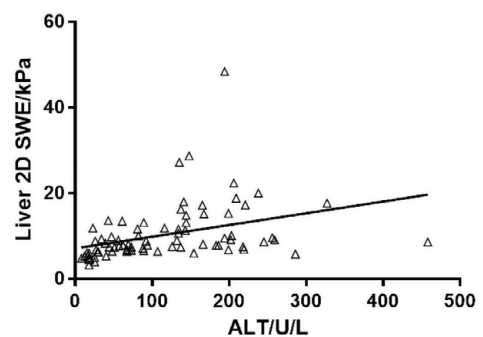
**Table S2** Decision curve analysis of the nomogram

Threshold probability	Standardized net benefit (%) <sup>†</sup>				
	GB abnormality	TC thickness	ln (GGT)	Liver 2D SWE	Nomogram
0.1	92.6 (87.3, 97.3)	87.0 (82.5, 93.7)	92.6 (87.2, 95.6)	86.3 (79.9, 91.9)	97.9 (94.8, 100.0)
0.2	88.0 (78.6, 94.1)	78.7 (70.5, 89.3)	82.8 (73.4, 90.9)	69.9 (56.9, 85.9)	97.3 (88.5, 100.0)
0.3	82.0 (70.4, 90.3)	72.5 (59.2, 86.0)	73.1 (59.6, 85.7)	65.6 (37.4, 79.9)	88.4 (83.3, 100.0)
0.4	74.1 (58.7, 85.8)	70.4 (52.5, 85.2)	65.4 (48.6, 80.1)	61.5 (25.2, 75.5)	88.3 (79.8, 100.0)
0.5	63.0 (41.3, 79.3)	66.7 (52.2, 84.5)	58.8 (40.4, 76.6)	43.6 (2.6, 68.0)	86.5 (76.3, 100.0)
0.6	46.3 (12.8, 70.5)	62.0 (38.3, 81.7)	52.0 (29.8, 71.2)	35.9 (-9.1, 59.5)	83.8 (75.0, 100.0)
0.7	18.5 (0, 57.0)	47.5 (20.0, 73.2)	43.8 (14.2, 66.0)	22.2 (-15, 56.2)	91.9 (76.9, 100.0)
0.8	0 (0, 0.218)	37.0 (-1.8, 64.4)	33.3 (11.5, 63.0)	5.1 (-26.3, 51.2)	89.2 (72.9, 100.0)
0.9	0 (0, 0)	13.0 (-31.3, 55.6)	35.3 (6.5, 57.4)	-15.4 (-50.0, 48.5)	89.2 (64.6, 100.0)

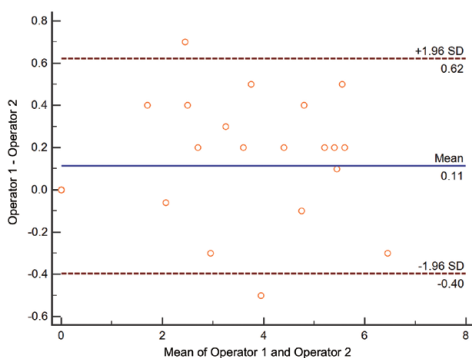
<sup>†</sup>, Data in parentheses are 95% CIs. GB, gallbladder; GGT,  $\gamma$ -glutamyl transferase; 2D SWE, 2-dimensional shear wave elastography; TC, triangular cord; ln, natural logarithm.



**Figure S1** Bland-Altman plots of interobserver agreement between 2 operators in the measurement of liver 2D SWE. 2D SWE, 2-dimensional shear wave elastography; SD, standard deviation.



**Figure S3** Pearson correlation showed that there was a significant positive correlation between liver 2D SWE and the level of serum ALT ( $r=0.368$ ;  $P=0.001$ ). 2D SWE, 2-dimensional shear wave elastography; ALT, alanine aminotransferase.



**Figure S2** Bland-Altman plots of interobserver agreement between 2 operators in the measurement of TC thickness. TC, triangular cord; SD, standard deviation.