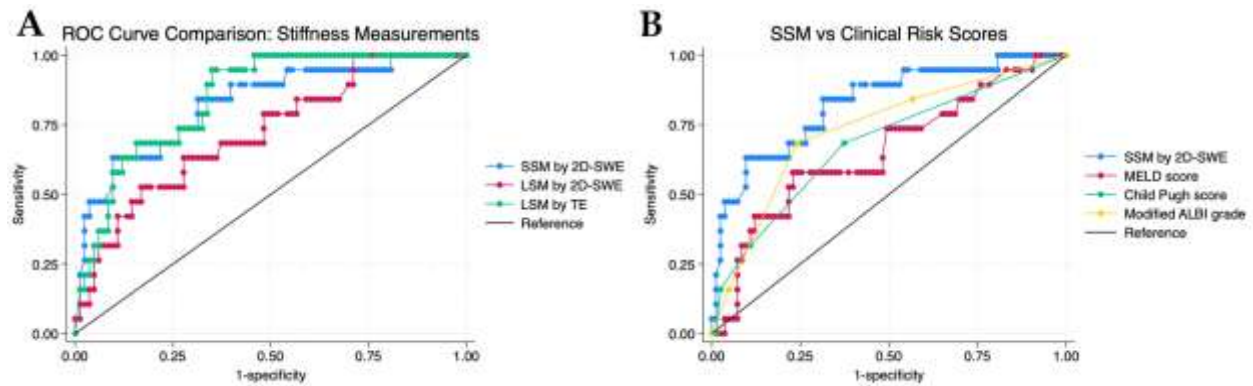




Supplementary Figure 1 Receiver operating characteristic curves for predicting hepatic decompensation within six months. A: Comparison of stiffness measurements using 2D-SWE and TE; B: Comparison between baseline SSM and established clinical risk scores. 2D-SWE, two-dimensional shear wave elastography; LSM, liver stiffness measurement; mALBI: Modified albumin-bilirubin; MELD: Model for End-Stage Liver Disease; ROC, receiver operating characteristic; SSM, spleen stiffness measurement; TE, transient elastography.

Supplementary Table 1 Subgroup analysis of mean stiffness measurements at day 0, 10 and 30, stratified by Child-Pugh classification

Variable (mean, [95% CI])	Day 0	Day 10	<i>P</i> value	Day 30	<i>P</i> value
Child-Pugh A (N = 87)					
LSM by 2D-SWE (kPa)	25.0 [21.6-28.4]	25.6 [22.1-29.1]	0.699	24.8 [21.4-28.2]	0.895
SSM by 2D-SWE (kPa)	37.7 [34.3-41.2]	36.2 [32.6-39.8]	0.367	40.1 [36.6-43.6]	0.137
LSM by TE (kPa)	27.2 [23.0-31.4]	29.9 [25.5-34.3]	0.175	27.8 [23.5-32.0]	0.757
Child-Pugh B (N = 15)					
LSM by 2D-SWE (kPa)	35.5 [26.3-44.7]	31.7 [22.4-41.0]	0.280	32.1 [23.0-41.0]	0.328
SSM by 2D-SWE (kPa)	46.3 [38.0-54.5]	39.7 [31.2-48.2]	0.158	46.1 [37.8-54.4]	0.977
LSM by TE (kPa)	39.8 [28.8-50.9]	39.8 [28.6-51.0]	0.991	38.6 [27.6-49.7]	0.747

2D-SWE; two-dimensional shear wave elastography, CI; confidence interval, kPa; kilopascals, LSM; liver stiffness measurement, SSM; splenic stiffness measurement, TE; transient elastography.

Supplementary Table 2 Subgroup analysis of mean stiffness measurements at day 0, 10 and 30, stratified by nonselective beta-blocker use

Variable (mean, [95% CI])	Day 0	Day 10	<i>P</i> value	Day 30	<i>P</i> value
NSBB use (N = 25)					
LSM by 2D-SWE (kPa)	39.0 [33.1-44.8]	37.9 [31.7-44.1]	0.734	35.9 [30.0-41.7]	0.292
SSM by 2D-SWE (kPa)	49.4 [43.1-55.7]	45.7 [39.0-52.4]	0.296	48.5 [42.3-54.8]	0.809
LSM by TE (kPa)	43.0 [35.9-50.1]	46.9 [39.5-54.3]	0.162	42.5 [35.4-49.7]	0.860
No NSBB use (N = 77)					
LSM by 2D-SWE (kPa)	22.5 [19.0-26.0]	22.8 [19.2-26.4]	0.844	22.6 [19.1-26.1]	0.951
SSM by 2D-SWE (kPa)	35.6 [32.1-39.9]	33.9 [30.3-37.5]	0.329	38.5 [35.0-42.1]	0.085
LSM by TE (kPa)	24.5 [20.2-28.8]	26.4 [21.8-30.9]	0.402	25.0 [20.6-29.4]	0.807

2D-SWE; two-dimensional shear wave elastography, CI; confidence interval, kPa; kilopascals, LSM; liver stiffness measurement, NSBB; nonselective beta-blocker, SSM; splenic stiffness measurement, TE; transient elastography.