

**Supplementary Table S3.** Univariate and multivariate logistic regression model assessing independent predictors associated with the ATT>0.63 dB/cm/MHz (indicative of the presence of liver steatosis). Significant p-values are bold. **Abbreviations** ALT: alanine aminotransferase; AST: aspartate aminotransferase; ALP: Alkaline phosphatase; APRI: AST to Platelet Ratio Index; ATT: Attenuation coefficient measurement; CAP: continuous attenuation parameter; CRP: C-reactive protein; dB/cm/MHz: decibel per centimeter per megahertz; dB/m: decibels per meter; FIB-4: Fibrosis-4; GGT: gamma glutamyl transferase; g/L: grams per liter; HbA1c: glycated hemoglobin; HDL: high-density lipoprotein; IQR: interquartile range; kPa: kilopascal; LDL: low-density lipoprotein; M: median; μmol/L: micromoles per liter; mmol/L: millimoles per liter; N: number; MASLD: Metabolic dysfunction-associated steatotic liver disease; PT: prothrombin time; SCD: skin to capsule distance; SWM: shear wave measurement; U/L: units per liter; VCTE: vibration-controlled transient elastography; Vs: shear wave speed.

Dependent variable: ATT> 0.63 dB/cm/MHz	Odds ratio (univariate)	95% CI	Odds ratio (multivariate)	95% CI	P value for multivariate analysis
<b>Independent variables:</b>					
<b>Age, years</b>	0.981	0.956-1.001			
<b>Male sex</b>	1.147	0.669-1.971			
<b>BMI, kg/m<sup>2</sup></b>	<b>1.095</b>	<b>1.037-1.157</b>	0.967	0.852-1.099	0.61
<b>Obesity (BMI&gt;30 kg/m<sup>2</sup>)</b>	<b>2.901</b>	<b>1.630-5.173</b>	2.287	0.735-7.117	0.15
<b>Arterial hypertension</b>	0.533	0.274-1.037			
<b>Hyperlipidemia</b>	0.909	0.482-1.716			
<b>Smoking</b>	0.945	0.496-1.799			
<b>Hematocrit</b>	3.119	0.008-1266.377			
<b>Red cell count, G/L</b>	1.224	0.619-2.424			
<b>Platelets, G/L</b>	1.003	0.999-1.008			
<b>PT (%)</b>	0.995	0.971-1.02			
<b>Glucose, mmol/L</b>	1.002	0.909-1.104			
<b>HbA1c (%)</b>	1.046	0.869-1.258			
<b>Creatinine, μmol/L</b>	0.99	0.979-1.001			
<b>AST, U/L</b>	1.005	0.993-1.017			
<b>ALT, U/L</b>	1.002	0.996-1.007			

<b>GGT, U/L</b>	<b>1.011</b>	<b>1.003-1.018</b>	1.007	0.999-1.015	0.06
<b>ALP, U/L</b>	1.005	0.997-1.014			
<b>Total cholesterol, mmol/L</b>	<b>1.351</b>	<b>1.08-1.69</b>	0.739	0.288-1.897	0.53
<b>Triglycerides, mmol/L</b>	<b>1.51</b>	<b>1.334-2.01</b>	1.167	0.754-1.806	0.49
<b>HDL, mmol/L</b>	0.739	0.308-1.771			
<b>LDL, mmol/L</b>	<b>1.338</b>	<b>1.009-1.774</b>	1.628	0.562-4.713	0.37
<b>Albumins, g/L</b>	1.002	0.935-1.074			
<b>CRP, mg/L, mmol/L</b>	1.002	0.94-1.068			
<b>NAFLD fibrosis score, points</b>	1.428	0.184-11.09			
<b>FIB-4, points</b>	0.899	0.672-1.204			
<b>APRI, points</b>	0.982	0.444-2.17			
<b>Fibroscan XL probe</b>	<b>2.168</b>	<b>1.204-3.903</b>	0.799	0.24-2.662	0.71
<b>LSM by VCTE, kPa</b>	<b>1.046</b>	<b>1.0002-1.093</b>	<b>1.105</b>	<b>1.011-1.208</b>	<b>0.03</b>
<b>SCD, cm</b>	<b>2.186</b>	<b>1.298-3.68</b>	1.112	0.409-3.024	0.83
<b>CAP, dB/m</b>	<b>1.015</b>	<b>1.01-1.021</b>	<b>1.112</b>	<b>1.0002-1.018</b>	<b>0.04</b>
<b>SWM, kPa</b>	1.034	0.983-1.087			