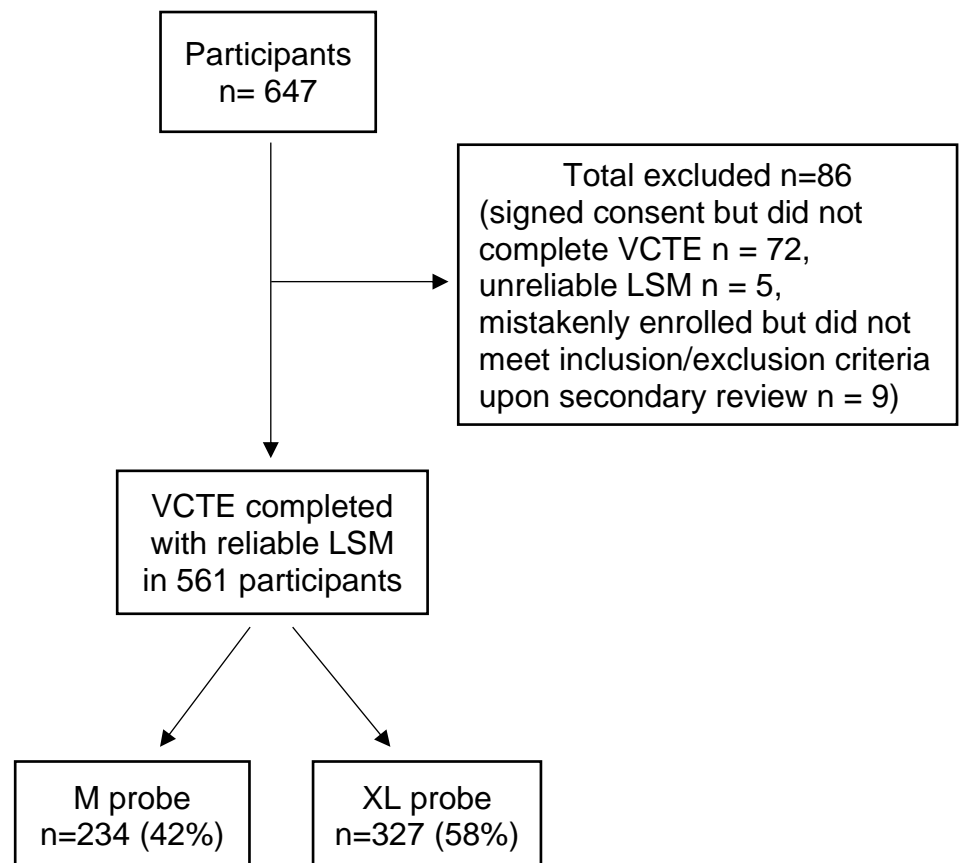


## Online-Only Supplemental Material

### Supplemental Figure S1. Flow diagram of study participants and VCTE study

subgroups.



**Supplemental Table 2.** Patient characteristics of patients with liver fibrosis on vibration controlled transient elastography that underwent a liver biopsy versus those that did not.

Clinical parameters	Patients with kPa $\geq 8.2$ with biopsy (n= 21)	Patients with kPa $\geq 8.2$ and no biopsy (n= 63)	P values
Age (years)	56 $\pm$ 12	59 $\pm$ 12	0.39
Gender (M/F%)	50/50	57/43	0.68
BMI (kg/m <sup>2</sup> )	37.1 $\pm$ 6.7	38.0 $\pm$ 6.1	0.65
Overweight	22%	9%	0.04
Obese	78%	91%	0.04
Ethnicity:	88%	78%	0.09
Caucasian	0%	17%	
African-American	11%	0%	
Hispanics	0%	0%	
Asian	0%	4%	
Other/not reported			
HbA1c (%)	7.5 $\pm$ 1.5	7.3 $\pm$ 1.6	0.63
Fasting plasma glucose (mg/dL)	155 $\pm$ 70	123 $\pm$ 11	0.046
Systolic blood pressure (mmHg)	138 $\pm$ 21	138 $\pm$ 16	0.96
Diastolic blood pressure (mmHg)	80 $\pm$ 11	81 $\pm$ 12	0.86
Total cholesterol (mg/dL)	172 $\pm$ 70	161 $\pm$ 31	0.52
Triglycerides (mg/dL)	255 $\pm$ 146	156 $\pm$ 50	<0.01
LDL-cholesterol (mg/dL)	74 $\pm$ 54	89 $\pm$ 27	0.29
HDL-cholesterol (mg/dL)	41 $\pm$ 11	42 $\pm$ 11	0.77
Aspartate aminotransferase, AST (U/L)	34 $\pm$ 4	27 $\pm$ 4	0.27
Alanine aminotransferase, ALT (U/L)	44 $\pm$ 8	33 $\pm$ 8	0.28
Mean controlled attenuation parameter, CAP (dB/m)	351 $\pm$ 38	345 $\pm$ 47	0.66
Mean liver stiffness (kPa)	10.3 $\pm$ 2.2	13.4 $\pm$ 6.4	0.06