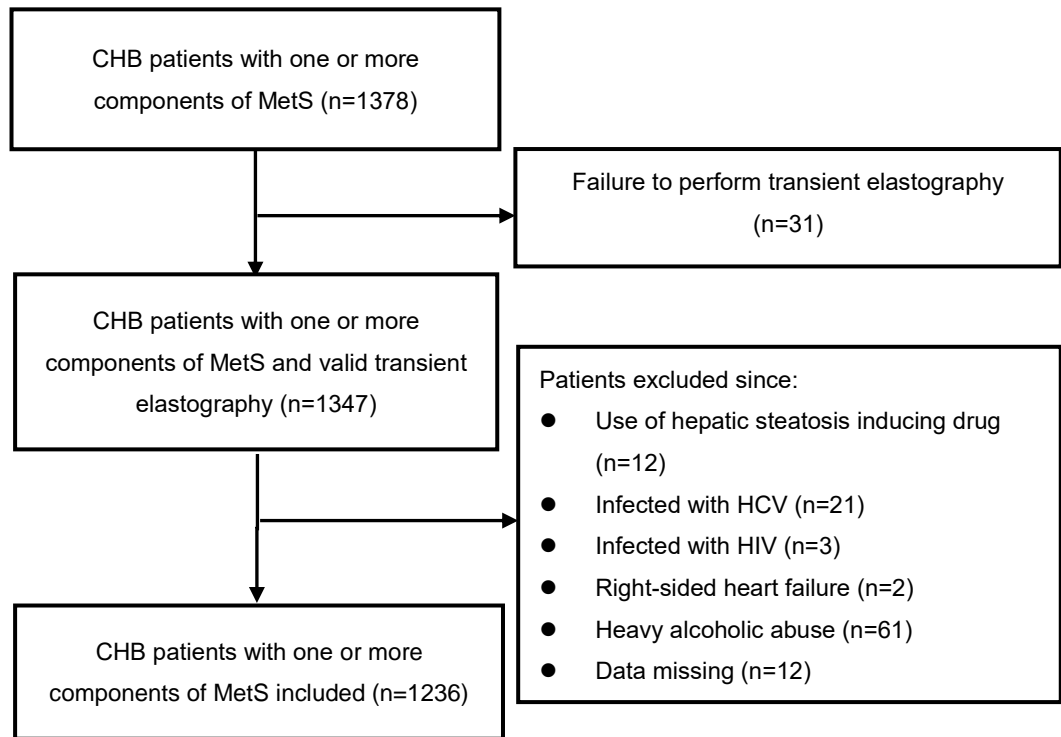
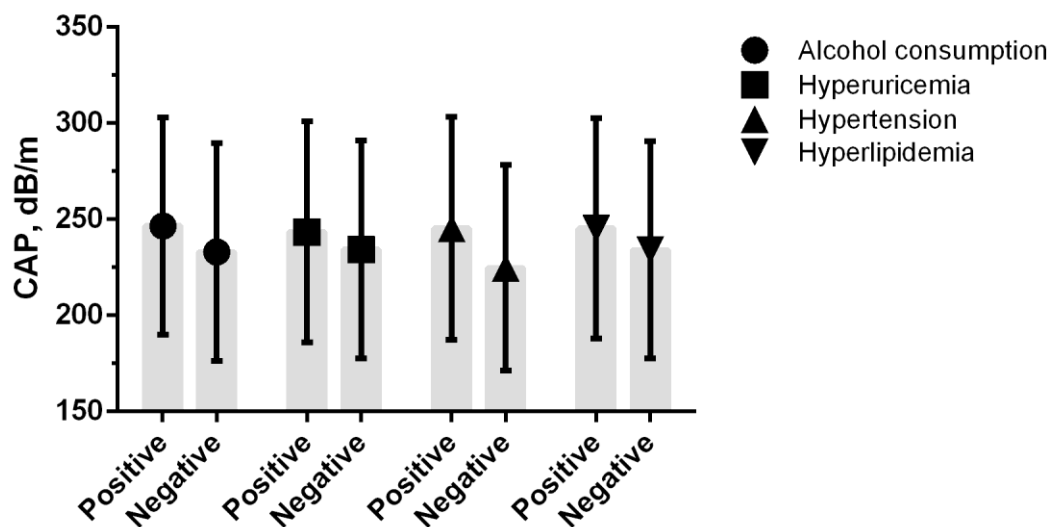


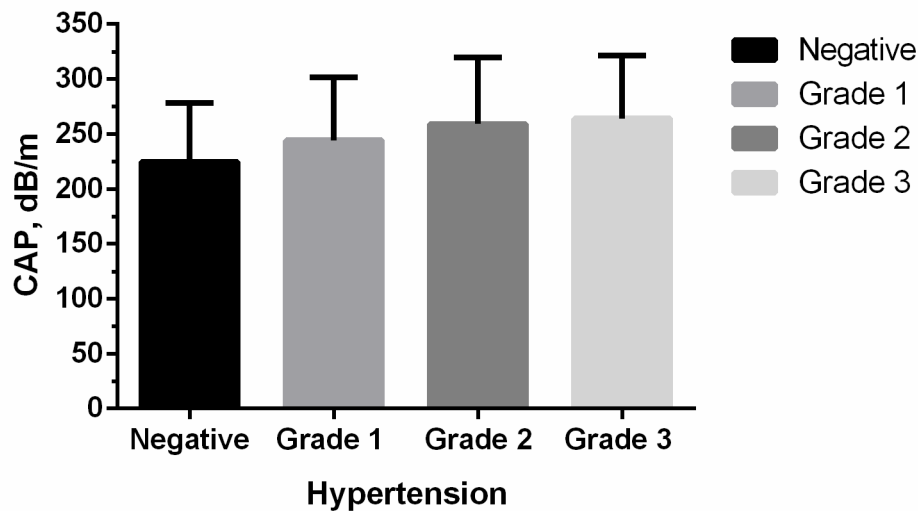
**Supplementary Figure 1. Flow chart of the two phases in the study.**



**Supplementary Fig. 2** CAP value was also significantly higher in patients with alcohol consumption ( $246.51 \pm 56.47$  vs  $233.06 \pm 56.61$  dB/m,  $P < 0.001$ ); in patients with hyperuricemia ( $243.49 \pm 57.62$  vs  $234.33 \pm 56.52$  dB/m,  $P = 0.024$ ); in patients with hypertension ( $245.29 \pm 57.91$  vs  $224.83 \pm 53.40$  dB/m,  $P < 0.001$ ) and in patients with hyperlipidemia ( $245.27 \pm 57.30$  vs  $234.06 \pm 56.55$  dB/m,  $P = 0.007$ ).



**Supplementary Fig. 3** CAP could effectively distinguish between the different grades of hypertension. The average CAP was  $224.83 \pm 53.40$  dB/m in normotensive patients, and  $244.16 \pm 57.66$  dB/m,  $259.01 \pm 60.8$  dB/m and  $264.00 \pm 57.3$  dB/m in patients with hypertension Grades 1, 2, and 3, respectively ( $P < 0.001$ ).



### Supplementary Table 1

Demographics and clinical characteristics of study subjects

<b>Sample size, n</b>	1236
<b>Demographic data</b>	
Sex (male), n(%)	890 (72.0%)
Age (years)	$42.71 \pm 12.18$
Smoking, n(%)	329 (26.6%)
Alcohol consumption, n(%)	285 (23.1%)
T2DM, n(%)	166 (13.4%)
Metabolic syndrome, n(%)	145 (11.7%)
<b>Anthropometric variables</b>	
Weight, kg	$65.51 \pm 13.22$
Height, cm	$165.73 \pm 8.43$
SBP, mmHg	$127.55 \pm 13.41$
DBP, mmHg	$81.78 \pm 9.41$
Waist circumference, cm	$81.53 \pm 10.88$
Hip circumference, cm	$91.89 \pm 7.25$
CAP, dB/m	$236.16 \pm 56.84$
Liver stiffness, Kpa	$8.65 \pm 9.16$
<b>Laboratory data</b>	
PLT, $10^9/L$	$243.08 \pm 59.34$
ALT, U/L	$90.73 \pm 50.35$
AST, U/L	$59.95 \pm 34.19$
GGT, U/L	$63.45 \pm 34.46$

Total cholesterol, mmol/L	5.09 ± 0.75
HDL-cholesterol, mmol/L	1.32 ± 0.31
LDL-cholesterol, mmol/L	3.01 ± 0.69
Triglycerides, mmol/L	1.41 ± 0.51
Uric acid, mmol/L	418.93±101.15
HBV DNA, log <sub>10</sub> IU/m	0.98 ± 1.71
HBeAg positive, n(%)	720 (58.3)

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**Abbreviations:** T2DM: type 2 diabetes mellitus; SBP: systolic blood pressure; DBP: diastolic blood pressure; CAP: controlled attenuation parameter; PLT: platelets; ALT: serum aspartate aminotransferase; AST: alanine aminotransferase; GGT: gamma-glutamyltransferase; HBeAg: hepatitis B e antigen