

Characteristics	Cases (n=2844)	Controls (n=14,220)	P value
Age at case selection, years	72.5 ± 3.6	72.4 ± 3.6	0.548
Male sex, no. (%)	649 (22.8)	3245 (22.8)	>0.999
BMI, kg/m ²	22.9 ± 2.5	22.9 ± 2.4	0.337
NAFLD ^a , no. (%)	192 (6.8)	784 (5.5)	0.009
Economic status, no. (%)			>0.999
Low	487 (17.1)	2435 (17.1)	
Middle	688 (24.2)	3440 (24.2)	
High	1669 (58.7)	8345 (58.7)	
Current smoker, no. (%)	78 (2.7)	390 (2.7)	>0.999
Hypertension ^b no. (%)	1742 (61.3)	8710 (61.3)	>0.999
SBP, mmHg	128.0 ± 14.5	128.2 ± 13.2	0.385
DBP, mmHg	77.1 ± 9.5	77.2 ± 9.0	0.836
Fasting glucose, mg/dL	96.0 ± 12.5	95.9 ± 12.1	0.751
Total cholesterol, mg/dL	200.2 ± 39.2	200.0 ± 37.5	0.777
LDL cholesterol, mg/dL	121.4 ± 39.3	121.5 ± 40.6	0.916
TG, mg/dL	125.1 ± 72.4	122.3 ± 67.9	0.058
AST, U/L	25.2 ± 12.7	24.6 ± 10.0	0.032
ALT, U/L	20.2 ± 14.5	19.7 ± 12.8	0.095
γGT, U/L	23.8 ± 34.9	21.6 ± 22.5	0.001
Creatinine, mg/dL	0.96 ± 0.90	0.95 ± 0.94	0.589
Heart failure, no. (%)	345 (12.13)	1220 (8.6)	<0.001
CKD or ESRD, no. (%)	33 (1.2)	77 (0.5)	<0.001
History of MI, no. (%)	64 (2.3)	251 (1.8)	0.079
Malignancy, no. (%)	217 (7.6)	1088 (7.7)	0.969
Cognitive function^c			
KDSQ positive rate, no. (%)	83 (27.9)	278 (15.7)	<0.001
KDSQ score	2.0 ± 2.1	1.4 ± 1.7	<0.001

ALT: alanine aminotransferase; AST: aspartate aminotransferase; BMI: body mass index; CKD: chronic kidney disease; DBP: diastolic blood pressure; ESRD: end-stage renal disease; KDSQ: Korean Dementia Screening Questionnaire; LDL: low-density lipoprotein; MI: myocardial infarction; NALFD: non-alcoholic fatty liver disease; SBP: systolic blood pressure; TG: triglyceride; γGT: γ glutamyl transferase
Values are expressed as means ± standard deviation or no. (%).
Bold values represent statistical significance.

Case and control subjects were matched based on the duration of follow-up until the age at case selection, gender, cardiovascular disease risk factors (e.g. BMI, SBP, DBP, fasting blood glucose, hypertension, diabetes mellitus, current smoking status) and economic status.

^a NAFLD was defined as having fatty liver index ≥60, a fatty liver prediction model based on BMI, waist circumference, TG and γGT.

^b Hypertension was defined as SBP≥140 mmHg, DBP≥90 mmHg or receiving antihypertensive drugs.

^c KDSQ includes 5 items. Each item on the KDSQ is scored from 0 to 2, with a higher score indicating poorer function and a greater frequency. The KDSQ rate positive was defined as the case with the score ≥6.