Supplemental Figure 1. The flowchart of data filter of study participants in NHANES 2017-2018

Participants aged 12 years and over at enrollment for whom elastography measurements using the FibroScan® were allowed in the NHANES Mobile Examination Center   (n=6401)

inclusion

Participants aged 18 years and over at enrollment for whom elastography measurements using the FibroScan® were allowed in the NHANES Mobile Examination Center (n=5533)

Excluded → Ineligible elastography exam status (n=258)

Excluded → Not done elastography exam status (n=156)

Excluded → individuals who are infected with hepatitis B (n=28)

Excluded → individuals who are infected with hepatitis C (n=52)

Excluded → significant alcohol consumption (n=84)

Excluded → individuals with incomplete value information on vitamin A (n=233)

Final adult sample sizes for analysis (n=4723)