Title:
Explore the association of nonalcoholic fatty liver disease and atrial fibrillation in an elderly Chinese population

Date:
2017/12/3
Objective: Explore the association of nonalcoholic fatty liver disease and atrial fibrillation in an elderly Chinese population

Design: Compose a cross-sectional study analysing clinical data of the elderly adults ($\geq 65$ years) who took health examination in Zhenhai Lianhua hospital, Ningbo, China in 2014.

Methods:

● Get the approval of Hospital Ethics Committee for this study.

● Gather the physical examination results of the elderly adults ($\geq 65$ years old) who had undergone an annual physical examination at Zhenhai Lianhua Hospital, Ningbo, China in 2014.

● Exclude the following participants: (1) those with unknown alcohol intake or excessive alcohol intake; (2) those with unknown BMI or BMI $\leq 18.0$kg/m$^2$; (3) those with incomplete basic physical data; (3) those with missing liver ultrasonic diagnosis; (4) those with unknown causes of chronic liver disease.

● Verbally inform all the participants and get agreement to participate in the study.

● Analyse the physical examination results of the participants using Student’s t-test or the Mann-Whitney U test or chi-square test or Fisher’s exact test.

● Make tables and charts.

● Analyse the results and write paper.