Framingham Coronary Risk Score를 이용한 화병과 심혈관 질환과의 관련성 연구

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Corelationship Study between Hwa-Byung and Coronary Heart Disease, by using Framingham Coronary Risk Score

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Abstract

Objectives: This study was to research the relationship between Hwa-Byung and Framingham coronary risk score (FRS), cardiovascular disease.

Methods: 649 people participated in the community based cohort study in Wonju City of South Korea from July 2nd to August 30th in 2006. Educated investigators checked up systolic & diastolic blood pressure and surveyed Hwa-Byung Diagnostic Interview Schedule (HBDIS), cohort questionnaire about gender, age, smoking, diabetes. Blood sample was collected from participants to analyze total cholesterol, HDL-cholesterol. FRS was calculated from collected data. 10-year prediction of coronary heart disease was determined from FRS by using score sheet that is estimated by Wilson et al. Collected data were analyzed by the chi-square test.

Results:
1. Low risk number of people was 18(52.9%) in Hwa-Byung group, 263(42.8%) in non Hwa-Byung group, p-value was 0.472. Difference of the two group was invalid.
2. The number of people below or equal to average 10-year prediction of coronary heart disease as gender & age, Hwa-Byung group was 19(55.9%), non Hwa-Byung group was 412(67.0%), p-value was 0.251. Difference of the two group was invalid.

Conclusions:
There was no correlation between Hwa-Byung and 10-year prediction of coronary heart disease.

Key Words:
Hwa-Byung, Anger syndrome, FRS, Framingham coronary risk score, Coronary heart disease