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Country: **Finland**

Titel of the project: **Screening vs routine practice in detection of atrial fibrillation in the elderly population**

Project details

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TYKS

Award amount: €50,000

We will evaluate the feasibility and effectiveness of an AF screening program based on patient self-education and heart rate monitoring during Lieto elderly population study.

Atrial fibrillation (AF) is a major risk factor for thromboembolic disease, particularly stroke. Especially elderly subjects often fail to feel any symptoms and seek for medical care and stroke is not an uncommon first manifestation of AF. The risk of stroke can be dramatically reduced by warfarin treatment. AF therefore fulfils many of the criteria for a successful screening programme. In spite of these prerequisites, screening for AF is largely neglected in clinical practice unlike e.g. high blood pressure or cholesterol levels and it remains unclear whether any screening strategy is feasible and effective and should be adopted for clinical practice. Main objectives: To assess the prevalence of AF and incidence of new asymptomatic and feasibility and reliability of patient education on feeling the own pulse irregularity and the burden of the patient self-education program on health care system and the value of simple heart rate monitor system in the assessment of the risk of AF and stroke in the elderly population of Lieto town Study protocol The population is randomly divided into 2 groups: one with screening programs and the control group with normal patient care.

Audience

Type

- AF Patients
- Healthcare professionals
- Carers of AF Patients
- General public

Location

Finland, Europe