

Omega-3 fatty acids and vitamin E complex in prodromal Alzheimer disease: clinical trials in older adults

<https://neurodegenerationresearch.eu/survey/omega-3-fatty-acids-and-vitamin-e-complex-in-prodromal-alzheimer-disease-clinical-trials-in-older-adults/>

Principal Investigators

Miia Kivipelto

Institution

Karolinska Institutet

Contact information of lead PI

Country

Sweden

Title of project or programme

Omega-3 fatty acids and vitamin E complex in prodromal Alzheimer disease: clinical trials in older adults

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Swedish Research Council

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€ 326,442

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01/01/2014

Total duration of award in years

3

Keywords

Research Abstract

This project addresses 2 knowledge gap areas in health care defined by the Swedish Council on Health Technology Assessment (SBU): 1) Omega-3 fatty acids in dementia-related diseases; and 2) Vitamin C and/or E in dementia-related diseases. The project is based on two ongoing randomized clinical trials (RCTs) in elderly at risk of dementia: LipiDiDiet – Medical Nutrition in prodromal Alzheimer's Disease, a double-blind controlled 24-months study with 12 months

Extension study, and the Finnish Geriatric Intervention Study to Prevent Cognitive Impairment and Disability (FINGER). LipiDiDiet is conducted in Sweden, Finland, Netherlands and Germany, and includes 300 patients with prodromal AD (35 in Stockholm). FINGER is a multi-center RCT enrolling 1262 independently living 60-77 years old at-risk persons from Finland. The 2-year multi-domain intervention has 4 components: cognitive and social activity; nutrition; physical activity; monitoring of metabolic/vascular risk factors. The control group receives general public health advice on lifestyle and vascular risk factors. The LipiDiDiet trial will give a clear answer about the effects of enriched omega-3 substitution on cognition in prodromal AD. Based on FINGER, it will be possible to make recommendations concerning dietary intake of n-3 fatty acids and vitamin E, and to better define healthy plasma vitamin E levels based on all 8 vitamin E forms. Project results will be applicable both in clinical practice and public health.

Further information available at:

Types:

Investments < €500k

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Sweden

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