

INFORMATION ABOUT THE RESEARCH PROJECT (NOTE! THE BELOW IS AN EXAMPLE)

A. Provide a short description of the aim and overall design of the research project:

The aim of the project is to investigate if fish intake is associated with the risk of stroke in a population of adults from northern Sweden. This will be done within the case-control material Castro 3.

Fish intake (total, lean and fat fish) is estimated from the food frequency questionnaire. In prospective analysis, the association between fish intake and risk of stroke (ischemic and/or hemorrhagic) is investigated. The planned study includes 735 incident stroke cases (1987-2007) and 2,698 matched controls (by age, sex, date, and county) within the VIP and MONICA studies (Castro 3).

Analysis will be done using conditional logistic regression. To consider potential confounding factors, multivariable adjustments will be done for smoking, diabetes, blood pressure, total serum cholesterol, level of education, BMI, physical activity, marital status, intake of fruits and vegetables, and alcohol consumption (strong beer, wine, liquor, and spirits/day). Analysis will be done separately for men and women.

B. Provide a short motivation for the use of the requested diet variables in relation to the aim of the research project:

Fish intake (intake per week of total, fat and lean fish, respectively) is the exposure in the current study.

Fruit (total intake/day), vegetables (total intake/day) and alcohol consumption (sum of strong beer, wine, liquor, and spirits/day) are covariates in the models to be tested.

SIGNATURES (BY WHICH THE APPLICANT APPROVE OF THE GENERAL REGULATION LISTED ON PAGE 12)

Signature of applicant	Printed name
_____	_____
Date and signature of NSDD representative	Printed name
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