

WOLF - Mental workload and indicators of chronic cardiovascular diseases - WOLF-Stockholm

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Research principal

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Description

WOLF is a study that started in Stockholm in 1993. The acronym WOLF stands for Work-Lipids-Fibrinogen. The study is a collaboration between the former Working Environment Institute, the Institute of Environmental Health and the Institute of Psychosocial Environmental Health at Karolinska Institute and the Institute of Social Medicine in Sundbyberg.

WOLF makes up a collaboration program with the included partial projects WOLF-Stockholm, WOLF-Norrland and WOLF-F (The importance of work organisation and psychosocial strain factors to stress related poor health, five year follow up of WOLF-Norrland).

Main question formulation: Mental work load (stress) and indications for chronic cardiovascular disease. This original and general program idea has been developed and detailed in the partial projects WOLF-Stockholm (WOLF-S), WOLF-Norrland (WOLF-N) and WOLF-F (the five year follow up of WOLF-N).

WOLF-Stockholm (WOLF-S)

Project term: The importance of psychosocial working environment for the risk factors for heart attack. A study in psychosocial working environment, blood pressure, blood lipids, fibrinogen etc. (WOLF-Stockholm).

Project manager: Lars Alfredsson, the Institute of Environmental Health, Karolinska Institute, Stockholm.

Study population: 5 698 employees at companies connected to occupational health care. Studied from June 1993 to June 1995.

Method: Health examination with focus on cardiovascular disease, blood pressure measurement. Blood samples for biochemical analysis (the laboratory concern CALAB, Stockholm) + questionnaires.

WOLF-Norrland (WOLF-N)

In 1995 WOLF established cooperation with the University of Umeå and started the project WOLF-N with the operative management located at the occupational and environmental medicine clinic at the University Hospital of Norrland (Anders Knutsson).

Project term: Questions on associations between risk indicators of heart attack and mental work strain related to factors in work organisation, working environment and work content (WOLF-Norrland).

Project manager: Anders Knutsson, Mittuniversitetet, Sundsvall, (former University of Umeå).

Study population: 4 715 employees at companies connected to occupational health care. Studied from September 1996 to April 1998.

Method and organisation with some modifications and additions, same as for WOLF-Stockholm.

WOLF-F (WOLF-Follow up project, continuation of WOLF-N)

During year 2000 WOLF-F was planned with field organisations and investigational populations in northern Sweden (Norrland). WOLF-F was given two directions:

1) WOLFF - Individual follow-up (WOLFF-I) consisted of a follow-up of the earlier examined population of WOLF-Norrland.

Project term: The importance of work organisation and psychosocial factors for stress related poor health. A five year follow-up of WOLF-Norrland.

Project manager: Anders Knutsson, Mittuniversitetet, Sundsvall.

2) WOLF - Healthy Work Places - Work Organisation (arbetsorganisation) (WOLF-AO) with focus on questions on work organisation and health with elaboration and widening of data collection and interview material.

Project term: Healthy workplaces - A study on relations of organisations and individuals and health.

Project manager: Staffan Marklund and Annika Härenstam, Working Life Institute (Arbetslivsinstitutet), Stockholm.

Study population: 32 selected companies, 90 work places and about 4300 employees. To a large extent coinciding with the examined population of WOLF-Norrland.

WOLF U (WOLF Follow up)

In 2009, all participants who previously responded to a WOLF-questionnaire were asked to fill in a follow-up questionnaire (WOLF-U). The survey included questions about work environment, lifestyle and health. The response was positive and about 6 500 people answered the survey. The follow up did not include a health examination.

Purpose:

To study effect of work and lifestyle on health

Data contains personal data

Yes

Code key exists

Yes

Language

[Swedish](#)

Unit of analysis

[Individual](#)

Time Method

[Longitudinal](#)

Time period(s) investigated

1992 – 2009

Variables

485

Number of individuals/objects

5720

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 1993-07 – 1995-06
- Source of the data: Population group, Biological samples

Data collection 2

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 1993-07 – 1995-06
- Source of the data: Population group, Biological samples

Geographic spread

Geographic location: [Sweden](#)

Contributor(s)

Arbetslivsinstitutet

Karolinska Institutet

Funding 1

- Funding agency: Arbetsmiljöfonden

Funding 2

- Funding agency: Swedish Council for Working Life and Social Research

Research area

[Working conditions](#) (CESSDA Topic Classification)

[Medical and health sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Cardiac and cardiovascular systems](#) (Standard för svensk indelning av forskningsämnen 2011)

[Occupational health and environmental health](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

[General health and well-being](#) (CESSDA Topic Classification)

[Diet and nutrition](#) (CESSDA Topic Classification)

[Specific diseases, disorders and medical conditions](#) (CESSDA Topic Classification)

[Social behaviour and attitudes](#) (CESSDA Topic Classification)

Keywords

[Blood pressure](#), [Blood specimen collection](#), [Heart failure](#), [Exercise](#), [Socioeconomic factors](#), [Emotions](#), [Anxiety](#), [Myocardial infarction](#), [Stroke](#), [Diet](#), [Alcohol drinking](#), [Alcohol-related disorders](#), [Medical history taking](#), [Work](#), [Workload](#), [Psychology, industrial](#), [Job satisfaction](#), [Decision making](#), [Chest pain](#), [Noise](#), [Diabetes mellitus](#), [Lipids](#), [Fibrinogen](#), [Leisure activities](#), [Parturition](#), [Intermittent claudication](#), [Pregnancy](#), [Cardiovascular diseases](#), [Health](#), [Hypertension](#), [Cholesterol](#), [Angina pectoris](#), [Life change events](#), [Air pollutants](#), [Drug utilization](#), [Menstruation](#), [Environmental exposure](#), [Interpersonal relations](#), [Personality](#), [Contraceptives, oral](#), [Smoking](#), [Self concept](#), [Social support](#), [Stress, psychological](#), [Sleep](#), [Occupational exposure](#), [Drug abuse](#), [Swedish cohort consortium \(scc\)](#), [Cohorts.se](#)

Publications

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Access to data through an external actor
Access to data is restricted

Homepage

[The study homepage](#)

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Related research data in SND's catalogue

[WOLF - Mental workload and indicators of chronic cardiovascular diseases - WOLF - Norrland](#)

[WOLF - Mental workload and indicators of chronic cardiovascular diseases - WOLFF-AO](#)

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