

Recruitment of volunteer subjects for research project:

Use of surface electrical stimulation to alleviate phantom limb pain

Up to 50-80 % of persons with amputations experience pain in the part of the body that is missing. This phenomenon is called phantom limb pain. It is not clear today why phantom limb pain occurs, and in those cases where the pain is difficult to treat it can affect the quality of life. The aim of this study is to investigate if electrical stimulation can decrease or alleviate your phantom limb pain.

To participate in the study, you should be over 18 years old, have a one-sided amputation below the shoulder joint, and you should experience severe phantom limb pain at least once a week.

The study will take place over a period of three months. You are to participate in two introductory meetings and four measurement sessions. After this, you are to participate in daily electrical stimulation sessions for four weeks. Each session will last no longer than 3 hours.

On two days we will measure your brain signals and on these days the session may last up to 5 hours

During the experiment, we will apply different electrical stimulation sequences. You will be asked to describe how you experience your phantom limb pain before and after. We will also record your brain signals with surface electrodes or with a scanning technique.

You will be reimbursed for your transportation costs in connection with the experiment. Please note that you must have a valid work permit if you come from a so-called third country.

The experiment has been approved by The North Denmark Region Committee on Health Research Ethics, project number N -20140061

If you are interested, please do not hesitate to contact:

Med venlig hilsen



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