

Effect of brain stimulation on cognitive functioning and pain – Healthy Volunteers needed

For more information, please contact:

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This project has been reviewed and approved by the Southern Health and Disability Ethics Committee.

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Adults (50-75 years old) with no history of pain and or cognitive/memory problems are invited to participate in a research project investigating the effect of brain stimulation on cognitive functioning and experimental pain measures.

We require volunteers to be available to attend a single testing session (~3.5 hours) at the Dunedin School of Medicine. During the testing session you will undergo the following procedures:

Baseline assessment: Record brain activity using an electrode cap, respond to simple sensory tests, complete questionnaires, and carry out cognitive/memory tests.

Treatment (~30minutes): consisting of external brain stimulation.

Post-treatment assessments: Repeat baseline assessments.

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Participants will receive a \$50 petrol voucher as a reimbursement for travel/parking expenses.

Although there will be no direct benefit to the participants themselves from participating in the study, the findings from this study will enable us to develop novel treatment techniques for the individuals with cognitive problems (e.g. Alzheimer's disease) and chronic pain.

