

ARE YOU INTERESTED IN TAKING PART IN A BRAIN IMAGING RESEARCH PROJECT?

PURPOSE OF THE PROJECT AND WHY YOU ARE BEING ASKED TO PARTICIPATE

You are being asked to participate in a research project testing and measuring the efficacy of a new brain imaging paradigm called hybrid EEG-FNIRS. Electroencephalography (EEG) and functional near-infrared spectroscopy (FNIRS) are two technologies for recording brain activity. The goal of this project is to unlock new information about the brain and future rehabilitation methods. The data collected during this project will be used for research projects and publications.

WHAT DOES THE PROJECT ENTAIL?

You will be asked about some basic health information and participation in the experiment without any physical and health limitations. The experimental procedure will be introduced to you. You will be equipped with an EEGFNIRS cap and perform a series of simple tasks such as hand tapping, and balanced stance. This session will last approximately 45 minutes, including 30 minutes of recording time. The recorded data will be used for analysis at a later stage. To document the project pictures and/or video may be taken during the session. Any photos or videos which will be anonymized after collection.

POSSIBLE ADVANTAGES AND DISADVANTAGES

There is a small risk of discomfort and skin irritation from the EEG-FNRIS cap.

VOLUNTARY PARTICIPATION AND RIGHT TO WITHDRAW CONSENT

Participation in the project is voluntary. If you would like to participate, please sign the consent form at the end of this document. You can withdraw your consent at any time without giving a reason. There will be no negative consequences for you if you do not want to participate or if you choose to withdraw at a later stage. If you withdraw your consent, your health data will not be used in any further research. You can request access to the data held on you, and this will be provided within 30 days. You can also apply for your data in the project to be deleted. The right to have your data and material destroyed, deleted or returned does not apply if the material or data are anonymised or have already been published. Access may also be restricted if the data have been included in analyses already performed.

If you want to withdraw at a later stage or have questions about the project, you can contact the project manager (see the contact details at the end of this document).

WHAT HAPPENS TO THE DATA HELD ON YOU?

The data registered about you will only be used as described under the purpose of the project and is planned for use in 2024 and 2025. Use and storage time can only be extended after approval from the Regional Committee for Medical and Health Research Ethics and other relevant authorities. You have the right to access the information that is registered about you and to have any errors in this information corrected. You also have the right to information about the data security measures that apply to the processing of the data. You can lodge a complaint about the processing of your data to the Norwegian Data Protection Authority and the institution's Data Protection Officer.

All data will be processed without names and personal identification numbers or other directly identifiable information. You will be designated a number which ties you to your data anonymously. All collected data will be securely stored in a protected research storage server.

Publishing results is a necessary part of the research process. Data in published research will be de-identified to preserve the privacy of individual participants, but we have a duty to inform you that we cannot rule out individuals being identified. After the research project is completed, the data held on you will be anonymized and archived for future research.

APPROVALS

The Regional Committee for Medical and Health Research Ethics has considered the research ethics in the project and given its approval (REK nr. 840562).

Oslo Metropolitan University and the project manager Peyman Mirtaheri are responsible for privacy and data protection in this project.

Our data processing is based on your consent. General Data Protection Regulation and Personal Data Act.

CONTACT DETAILS

If you have questions about the project, experience any adverse events or side-effects, or want to withdraw your participation, you can contact:

- Project Leader: Peyman Mirtaheri via Oslo Metropolitan University
- Student: Adam Emile Aske, 94826542, adask2429@oslomet.no
- Student: Azadeh Hajian, 46249958, azhaj7977@oslomet.no

If you have questions about data protection in the project, you can contact:

- NSD – The Norwegian Centre for Research Data AS, by email: (personverntjenester@nsd.no) or by telephone: +47 55 58 21 17

I AGREE TO PARTICIPATE IN THE PROJECT AND CONSENT TO MY PERSONAL INFORMATION BEING USED AS DESCRIBED

Place and date

Participant's signature

Participant's name in block capital letters

I confirm that I have provided information about the project.

Place and date

Signature

Role in the project