



Have you experienced arm weakness after having a stroke?

ReCAPS (Re-opening the critical period for plasticity after stroke) is a study funded by BRUK. We want to know if a type of weak, non-invasive brain stimulation, called tDCS, could be used to encourage the brain to be more active after a stroke.

This is because an increase in brain activity might be useful for upper limb rehabilitation.



Participants receiving non-invasive brain stimulation

Who can take part?

We are looking for volunteers who fit the following criteria:

- have had **one stroke**
- experienced some **upper limb weakness** after the stroke
- do **not have implanted medical devices**
- do **not have epilepsy**
- have **not had brain surgery**
- have already had, or are **happy to receive an MRI scan**

We are also looking for adults who have not had a stroke.

What will the study involve?

You will need to have an **MRI scan** and attend **2 study sessions** at the **UCL** institute of Neurology: *33 Queen Square, London, WC1N 3BG*. We can contribute to the cost of travel.

You will watch a **nature documentary** while having **very weak brain stimulation**, which feels like a **warm, tingling sensation** on your head. This is a **research study, not a therapy**.

We'd love to hear from you!

Visit our website: <https://recapsstudy.wixsite.com/research/> or contact us:

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