

Help us improve walking after stroke

Functional Electrical Stimulation for Stroke Rehabilitation for Transfer Activity and Walking

Researchers at Imperial College London are looking for people living with stroke to take part in a research study exploring whether **non-invasive Functional Electrical Stimulation (FES)** can support lower-limb weight transfer and muscle activation during walking and transfer activities.

Who can take part?

- Aged 18-80 years
- Had a stroke more than 6 months ago
- Weakness on one side of the body
- Able to walk with or without support for at least 2 minutes or 10 metres
- Able to understand study information and freely provide informed consent

What will happen?

- One visit to Imperial College London, White City Campus
- Approx. 2-3 hours
- Simple walking and sit-to-stand tasks
- Non-invasive muscle stimulation using skin electrodes
- Reasonable travel expenses reimbursed with receipts

Study details

Important information

- The study is for people who can attend in person in London, UK.
- A short pre-screening questionnaire will be used to check whether the study is suitable and safe for you.
- Some people may not be able to take part, for example, due to an adhesive allergy, pregnancy, implanted medical devices such as pacemakers, a suspected history of seizures, or medical conditions that limit exercise.

Contact details

Interested in taking part or finding out more?

Please contact: **Ömer Kürşad Katırcı**, PhD Researcher, Department of Bioengineering, Imperial College London

Email: k.katirci22@imperial.ac.uk Phone: **07468 777924**

Principal Investigator: **Professor Anthony Bull** Email: a.bull@imperial.ac.uk

[!\[\]\(56549452e01ca28bdf2500ced9653143_img.jpg\) Click Here to Contact the Research Team](#)

Recruitment end date: 31 July 2026, or earlier if recruitment is completed.

The Principal Investigator has obtained approval from the Head of the Department of Bioengineering and a favourable opinion from the Imperial College Research Ethics Committee (ICREC). Participation is voluntary, and all participant information will be handled confidentially.