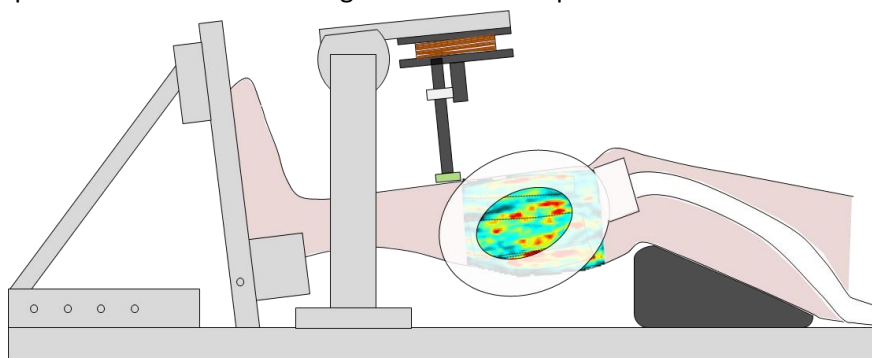


Measuring muscle stiffness with MRI

Volunteers aged 18+ years needed!

Researchers at NeuRA and The University of New South Wales are seeking volunteers for a study to measure the elasticity (stiffness) and movement of muscle using magnetic resonance imaging (MRI), and the force muscles are able to produce.

We aim to investigate the how intramuscular fat effects the stiffness of muscles and how these properties change during compression or movement using new MRI techniques.



Would the research project be a good fit for me?

Healthy adults over the age of 18 years, with no known contraindications to MRI scanning are invited to take part in this study. We are seeking volunteers in the following two groups:

- BMI* less than or equal to 25 kg/m²
- BMI* greater than or equal to 30 kg/m²

*Note, BMI can be calculated as your weight in kg divided by your (height in meters, squared).

What would happen if I took part in the research project?

If you decide to take part we would ask you to travel to NeuRA in Randwick for a one-off MRI scan and a laboratory session to electrically stimulate your muscles. Study participation would take 2 – 2.5 hours.

Will I be paid to take part in the research project?

You may be reimbursed \$80 for any reasonable travel, parking, and time expended in participating in this research project.

Who do I contact if I want more information or want to take part in the study?

If you would like more information or are interested in being part of the study please contact:

Contact: Alice Hatt

Email: a.hatt@neura.edu.au | Phone: 02 9399 1891 | Web: www.neura.edu.au/content/volunteer