



Investigating Gut Hormone Levels in Human Health and Disease "GutHHD"

Protocol D - MRI Study One Page Reference Sheet

Thank you for your interest in the study. The study aims to assess how gut hormones level in human health and disease. The aim is that results from this will aid in development of treatments and diagnostic tests for metabolic and gastrointestinal diseases.

Eligibility

You are eligible to take part if you aged between 18 and 75 and are safe to have a MRI scan.

Study Overview

The study involves one visit lasting 3-4 hours. You will arrive fasted and then have a blood sample and MRI scan performed. You will then have a controlled liquid meal or an oral glucose drink and have further blood tests with further MRI scans for up to a further 2 hours. You will then be free to eat and drink as normal. Some participants will be offered to undertake this again at a second follow up visit.

You will receive travel reimbursement of up to £50 per visit and a fee of £50 for taking part. Study days take place at **Wolfson Brain Imaging Centre, Addenbrooke's hospital.**

Arrive at Formal consent research facility gained to take after overnight **Participants** part in study (in fast and contact research standardised person or virtual team after screening meal night seeing appointment or before. advertisement/ on study day). Will be asked to invitation MRI safe ensure any checklist to be metal eg completed. jewellery removed.

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IRAS: 308204

Chief Investigator: Prof Fiona Gribble

Have medical history, body meassurements and cannula inserted and first blood sample taken Initial MRI performed.
Liquid meal with water providied.
Blood samples taken for up to 2

taken for up to 2 hours post meal (0, 15, 30, 45, 60, 90, 120 mins) with further MRI scans. Participant Discharged.

Optional second visit at least 7 days later.

Meal content and volume may differ at second visit.

To complete 7 day bowel habit diary for each visit.

Contact

If you have any questions, would like to take part or for more information contact: cuh.guthormonestudies@nhs.net

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