

Appendix C

MEG SAFETY SCREENING & CONSENT FORM

Date: ____/____/____ (dd/mm/yyyy)		Subject ID:	
Name		Sex:	Age: _____ Years
		Male / Female: _____	Height: _____ cm
Date of Birth (dd/mm/yyyy): _____		Weight: _____ kg	
1.	Have you had surgery to the head, neck or mouth, torso or limbs?	No	Yes
2.	Do you have a hip or femur implant?	No	Yes
	If yes, please indicate the date and type of surgery:		
	Date ____/____/____ Type of surgery: _____		
	Date ____/____/____ Type of surgery: _____		
3.	Have you experienced any problem related to a previous MEG examination or MEG procedure?	No	Yes
	If yes, please describe:		
4.	Have you had an injury to the eye involving a metallic object or fragment (e.g., metallic slivers, shavings, foreign body, etc.) ?	No	Yes
	If yes, please describe:		
5.	Have you ever been injured by a metallic object or foreign body (e.g., BB, bullet, shrapnel, etc.)?	No	Yes
	If yes, please describe:		
6.	Are you currently taking any medication or drug?	No	Yes
	If yes, please list: 1. _____		
	2. _____		
7.	Have you ever had an MEG procedure before?	No	Yes
8.	Have you been to CoNiC before? If Yes, Which Modality? _____	No	Yes



WARNING: Certain implants, devices, or objects may interfere with the MEG procedure. Do not enter the MEG system room or MEG environment if you have any question or concern regarding an implant, device, or object. Consult the MEG Technologist or Radiologist BEFORE entering the MEG system room.

Consent

I have read the above information and am aware of the processes involved for an MEG examination. I have been provided with the opportunity to have any questions answered and thus give my consent to undergo MEG scan. I confirm that I have answered each question to the best of my knowledge, and thus the risks to me have been outlined. Further to my consent to undergo the MEG scan and procedures: I will not hold CoNiC responsible for injury or loss from the MEG scan and or the data produced.

 Print Name and Signature of Subject/Parent/Guardian/Other

 Date (dd/mm/yyyy)

 Time (hh/mm)

 Print Name and signature Staff

 Date (dd/mm/yyyy)

 Time (hh/mm)

MEG Pre-Scan Information

WHAT IS MEG?

Magnetoencephalography (MEG) is a safe, non-invasive and entirely passive human brain imaging technique. The MEG scanner measures the very small magnetic fields outside the head - these arise naturally from electrical activity within the brain.

IS THERE ANY PREPARATION?

The MEG instrument is extremely sensitive to metallic objects entering the shielded room. Hence, you could assist us by:

- wearing clothing that does not have metal fastenings (provided in changing area)
- removing jewellery, including hairpins etc.
- removing all make-up (as it contains particles which will interfere with the scan).

You will also be required to complete a MEG safety questionnaire before your scan.

CAN ANYONE HAVE A MEG SCAN?

No. There are some pre-conditions, which can damage the MEG scanner. The MEG scanner is extremely sensitive to the presence of metallic objects, either permanently or temporarily carried in or near to your body. These conditions will be rigorously screened for during your pre-assessment for MEG scanning. Having metallic objects on your person, although not a danger to you, may cause damage to our equipment.

IS AN MEG SCAN SAFE?

MEG scanning has been in use as a medical imaging and research tool for many years and is commonly regarded by clinicians and scientists as a safe procedure. It does not employ ionising radiation (such as x-rays) and hence does not pose an additional cancer risk. The researchers on duty will answer any queries you might have on the day, or if in doubt, please call the chief investigator.

WHAT WILL HAPPEN WHEN I ARRIVE?

The researcher will greet you at the MEG unit waiting room and reception, explain the procedure and ask you questions about previous surgery you may have had regarding implanted metal in your body. You will be asked to leave your valuables (coins, keys, watch, jewellery, credit cards, mobile phones, pagers etc.) in a locker. The researcher will guide you to the magnetically shielded room housing the MEG scanner. Some equipment may be placed around you whilst scanning; this may include headphones and/or a stimulus screen.

THE SCANNING PROCESS

When we are taking the recordings, we will ask you to keep as still as possible. Usually there will be about 4 or 5 different scans, lasting for 2-8 minutes each; and for most studies you will be in the scanner for about 30 minutes.

WHAT WILL HAPPEN AFTER THE SCAN?

You can leave immediately after your scan. The MEG data will be used to address the research question for the study you have agreed to take part in.