ROYAL HOLLOWAY, UNIVERSITY OF LONDON
DETAILED / MAJOR RISK ASSESSMENT FORM

1. HAZARD (SUBJECT) BEING ASSESSED AND LOCATION (S).	
Static Magnetic Field - MRI unit - Dept of Psychology	
2. WHO MIGHT BE HARMED AND HOW?	
WHO: Appointed persons, researchers, participants, operators HOW: i) Projectile action on loose objects from or containing ferromagnetic metals and brought within the vicinity of the magenet ii) Electrically, mechanically or magnetically activated implants may be subject to electro-magnetic interference and mechanical force close to the MR system iii) Ferro-magnetic prostheses and implants may be displaced when introduced to the magnetic field - eg: cariacd valves, aneurysm clips and intra-uterine contraceptive devices. iv) Metallic foreign bodies from working with metal or shrapnel wounds	
3. RISK CONTROLS CURRENTLY IN PLACE (IF ANY).	
Operators and researchers must follow the Rules of Operation to ensure safety of themselves and participants. Only people who are screened may enter the controlled area which includes all accessible area where magnetic field exceeds 0.5mT (5 Gauss). The main door to the MRI unit is always locked and can only be accessed by using a code which only Authorised people are allowed to have. All equipment to be used in within the controlled area must be tested for ferro magnetic components and the equipment that are safe to use is clearly marked. Authorised persons are trained on MRI safety and on First Aid. Participants will be accompanied by an AP when entering the controlled area and 2 APs must be present for scanning sessions. Warning signs are posted on the out side door as well as the on the doors leading to the controlled area. Maintenance and cleaning staff are banned from the controlled area.	
4. ASSESSED LEVEL OF RISK i.e. 1 = LOW, 2 = MEDIUM, 3 = HIGH	
Low	
5. IDENTIFICATION OF FURTHER ACTION REQUIRED:	
None at present	
6. ACTION PLAN: (TIME SCALES, PERSON RESPONSIBLE etc.)	
6(a) DATE ASSESSMENT UNDERTAKEN:	**31/11/2022**

6(b) REVIEW DATE:		**November 2023**	
6(c) ASSESSED BY:		**Ari Lingeswaran**	
DATE:	**31/10/2022**	**TITLE:**	**MRI Operations Officer**
(Risk Assessment Sheet (2) – RHF 16.1.03)			