

Screen notes for UK Biobank imaging assessment visit **(prior to consent procedures)**

Taking part in UK Biobank's imaging assessment involves:

- Having a short interview with a member of staff to determine whether you are eligible for the imaging scans. If, for some reason, you cannot undertake some of the imaging scans, you can still take part in the rest of the assessment.
- Having safe and painless magnetic resonance imaging (MRI) scans of your brain, heart and abdomen, an ultrasound scan of the blood vessels in your neck and a low energy X-ray (DXA) scan of your body. This X-ray scan involves a small dose of radiation, equivalent to a chest X-ray or about one week's worth of natural background X-rays.
- Giving small samples of blood, urine and saliva for long-term storage and analysis (including genetic data).
- Answering some questions on your health, lifestyle, memory, work and family history (many of which you have answered before).
- Having measurements of blood pressure, body size, grip strength, arterial stiffness, heel bone density and lung function (as at your original assessment), along with an electrocardiogram (ECG), that records your heart rhythm.
- Receiving information about some standard measurements at the end of the visit, although none of your scan images will be given to you. This visit should not be thought of as a "health check".

In order to improve our procedures in the future, we will contact you a few days after your visit to ask about your understanding of what was involved and how well informed you felt you were.

If we notice a potentially serious abnormality on your scans, we will write to you and your GP, who may wish to investigate this further. A potentially serious abnormality is one that indicates the possibility of a condition which, if confirmed, carries a real prospect of significantly threatening lifespan, or of having a substantial impact on major body functions or quality of life.

If you do receive a letter from us telling you that we noticed a potential abnormality on your scans, then we will contact you and your GP at a later stage to find out about what, if anything, has happened as a consequence of providing you and your GP with this information.

Taking part is entirely voluntary and you are free to withdraw at any time during the visit. Before you decide whether to join, it is important that you understand what is involved: if anything is not clear, or you'd like more information, please talk to a member of staff.