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PARTICIPANT INFORMATION SHEET

“Neuropsychological investigation of visuo-perceptual, visuo-spatial and literacy skills in posterior cortical atrophy”

PCA Sub-study 1: Reading, crowding, perception and eye-tracking

You are being invited to take part in a research study. This is a subsidiary study to the “Neuropsychological investigation of visuo-perceptual, visuo-spatial and literacy skills in posterior cortical atrophy” study in which you have already participated. Before you decide whether to take part it is important for you to understand why the research is being done and what it will involve. Please take time to read the following information carefully and discuss it with others if you wish. Ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

1. Why have I been asked to participate in this study?

You are being asked to consider taking part in this subsidiary study about reading, crowding, perception and eye-tracking tasks because you took part in the principal *posterior cortical atrophy* study.

2. Do I have to take part?

It is up to you to decide whether or not to take part. You are under no obligation to do so, and deciding not to take part or withdrawing will not affect your participation in the main study nor your current or future medical care.

3. What is the purpose of this subsidiary study?

This sub-study aims to gather information about your ability to see words, objects and scenes, and to understand any factors (e.g. size of text, colour, etc.) which might predict the ease, comfort and accuracy with which you do so.

4. What will be involved if I decide to take part?

You will be asked to complete a series of reading tests in which we will examine the influence of text size, font, letter spacing and word length upon your reading efficiency. We will also ask you to complete novel tests of object recognition (identifying objects and shapes presented in different ways) and spatial perception (seeing where things are and looking at or reaching towards them). We will ask

you about your perception of colours and movement, and may design some tests especially for you depending on any challenges you have experienced. For some of these tests we will ask you to wear an eye-tracker. This is a head band with two cameras that follow the movement of your eyes so that we can follow where you are looking. Testing sessions will last no more than two hours, and will be arranged at your convenience.

5. **Are there any risks, disadvantages or benefits of taking part in this sub-study which are different to the main study in which I have already participated?** No.
6. **Does the same information about confidentiality, and the outcomes, funders and reviewers of the research apply to this sub-study as to the principal study?** Yes.
7. **Who should I contact for further information?** Professor Sebastian Crutch during office hours on 020 3448 3113.

Thank you for considering taking part in this study. You will be given a copy of the information sheet and a signed consent form to keep.