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## PARTICIPANT INFORMATION SHEET

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

#### ***PCA Sub-study 2: Navigation and motion***

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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. Do 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 navigation and motion 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, 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 gather further information about your ability to see, walk and move through everyday environments (e.g. through doorways, along corridors) and to understand any factors (e.g. reasonable changes in lighting levels, decors, signs, etc.) which 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 navigational tasks (moving across a room, walking down a corridor). These tests will be completed at the UCL Pedestrian Accessibility Movement Environment Laboratory (PAMELA). Depending on where you live, we may also ask to assess your physical activity in your home, community or residential care setting. Basic balance and reaching ability will also be

assessed at the Sensorimotor Lab in the Institute of Neurology. For these tests, we will ask you to wear various devices which measure your gait (e.g. the length of your stride), your balance (i.e. how upright you are) and where you are looking. We will also use video telemetry to record and measure the routes you have walked. 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.