

INTERVIEW PROTOCOL

Virtual Reality Art for People with Disabilities

INTERVIEW GUIDELINES:

- One to one interview will be conducted for each participant.
- Each interview will take approximately 25 minutes.
- Each interview will be conducted by the same interviewers.
- Same questions will be used to ask the participants.
- All interviews will be video recorded.
- A transcription and recording will be sent to participant upon request.

INTERVIEW DETAILS:

Name of Interviewer (s):

Date and Time:

Location:

INTERVIEWEE DETAILS:

Participant ID:

Gender:

QUESTIONS

Thanks so much for doing this interview with me. In this interview, we'll discuss your art making.

1. How old are you, if you don't mind sharing?
2. How do you feel about making art? How does it make you feel physically, mentally and emotionally?

A) Try the Virtual Headset and Tilt-brush:

Preparation:

- Open laptop
- Set second controller to colour picker

Participant Observes Facilitator:

- Participant observes facilitator put the headset on. (While doing this, *ask the participant: 'Have you tried a virtual headset / virtual technology before?'*)
- Participant can see a scene on the laptop screen. The scene includes a few blades of grass and a (sketchy) tree.
- Facilitator makes a scribble in the screen.
- Facilitator draws the word hello.
- Facilitator changes the colour to yellow and draws a sun.
- Facilitator removes the headset.

Participant Tries Controllers (No headset):

- We explain controllers (focus on only one button).
- We put controllers on their hands.
- We ask: *'Try to make a scribble'*.
- Put controllers aside.

Participant Tries Headset (No controllers):

- 'Let's try the headset just for a few seconds and take it off.'*
- Participant puts on headset. (No instructions given at this point.)
- After 30 seconds, we tell participant *'Now we'll take the headset off and talk about what you could see. Could you see? Is it uncomfortable in any way? Do you want to put it on again?'*
- Use the *'Aid document'* (as attached) to ensure participant understands if they are saying yes or no.

Participant uses Controllers and Headset

- Put the controllers in hands first.
- Put headset on second.

1. Task A: Make anything you like. Ask me any questions anytime.
Observe: Able to draw shapes and edges?
Ask: *'Did your drawing turn out how you wanted it?'*
2. Task B: *'Could you try to draw some shapes, like a circle or square, any shapes you want?'* (Ask them to draw circle and square shapes).
3. Task C: Ask: *'Could you try and select another colour and draw another shape (draw Triangle)? Did your*

drawing turn out how you wanted it?’

4. **Task D:** Ask: ‘*Could you draw a tree? How did that go? What do you want to make with this?*’

5. **Task E:** If they have no ideas, then ask ‘*Is there anything that you’ve made in the past that you could try to make here? ‘Can you try to make it?’*’. Participant can spend about 5 minutes doing this.

As you use it, let us know what you are thinking and feeling. Try painting anything else you’d like to try. Let us know if there is anything confusing.

At the end, the facilitator will help participant to save the sketch in Tilt brush.

**Note: If there is time left and participant is advanced, show them other button and menu.*

Continue with the interview after trying the Tilt-brush:

1. How did you feel when using the virtual headset (e.g. virtual paint tools) to make art?
2. After trying the virtual art paint tools, do you prefer traditional art or virtual art paint tools? Please explain why. Do you have any suggestions to improve the current tools?

Thanks for your time today. Would you like the opportunity to see and edit a transcript of this interview?

Approved by the *anonymous* on July 16, 2018 for three years. Reference Number