Protocol A

Game: OncoVR, developer: Technology for Health Foundations
Estimated playing time: 20 minutes, device: Oculus Go.
The research leader's words were marked with italic font.

Before the session:

1. Physiological and psychological data measurement with Empatica E4 and Hungarian version of STAI-Y. These are used according to the official manual.
2. Starting the Oculus Go and wiping with antiseptic wipes.
3. Demonstrating the usage of the controller and wiping it with antiseptic wipes.
4. Game description for the children: *you will be on a treasure island where a little dragon lives. Her island is occupied, so you must help defeat the invaders through two missions.*
5. Putting on and adjusting VR goggles.

During the session:

1. The gameplay is available on [Youtube.](#)
2. *Please choose your character, and the enemies, and the difficulty.*
3. *You can caress the dragon with the trigger.*
4. *You can open the cassette with the trigger, after that you will see a short story video.*
5. *Now you can see two tasks. One is a logic game and the other is an action game Which one do you want to start with?*
6. *Mission A The trigger must be used to hit the incoming enemies with the pills. There are five accelerating waves. You have a slingshot in your hand. The longer you hold the trigger, the farther the tablet fly. During the game, there are several power-ups to help eliminate the enemies.*
7. *Mission B: In this task, you must rotate the pipes into the correct ways that the orange liquid can reach the endpoint. When it reaches the gate, the enemies are eliminated and the gate close. If you get stuck anywhere, let me know, we will figure it out together!*

After the session:

1. Removing and power off the VR goggles. After that, wipe with antiseptic wipes.
2. *Question: How did you like it?*
3. Physiological and psychological data measurement with Empatica E4 and Hungarian version of STAI-Y. These are used according to the official manual.

Protocol B

Game: The Night Sky, developer: Coatsink
Estimated playing time: 20 minutes, device: Oculus Go.
The research leader's words were marked with italic font.

Before the session

1. Physiological and psychological data measurement with Empatica E4 and Hungarian version of STAI-Y. These are used according to the official manual Starting the Oculus Go and wiping with antiseptic wipes.
2. Demonstrating the usage of the controller and wiping it with antiseptic wipes.
3. Game description for the children: *During the game, stars must connect in the correct order. If you succeed, the shape you linked will appear in the game.*
4. Putting on and adjusting VR goggles.

During the session:

1. *Touch a star above the Star title, then touch the flashing stars again. This will be the mechanics of the game.*
2. *Which star turned yellow you have already seen it. Please link and watch all the stars. If you get stuck anywhere, let me know, we will figure it out together!*

After the session

1. Removing and power off the VR goggles. After that, wipe with antiseptic wipes.
2. *How did you like it?*
3. Physiological and psychological data measurement with Empatica E4 and Hungarian version of STAI-Y. These are used according to the official manual.