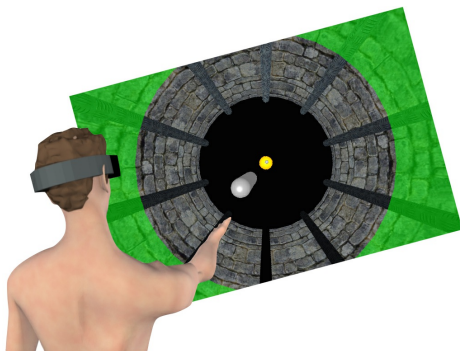
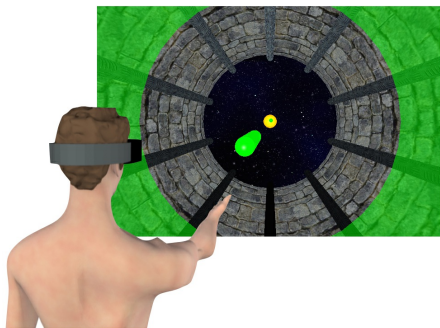
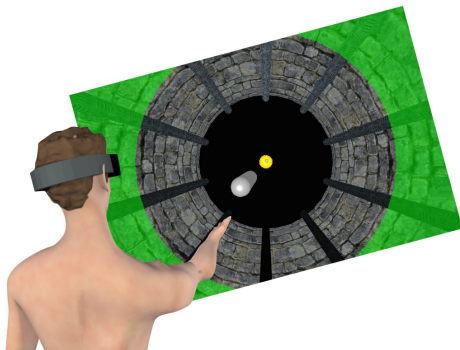
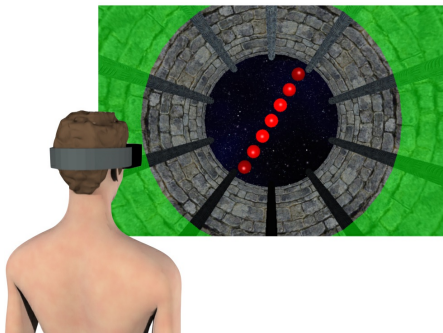


Manual-Manual



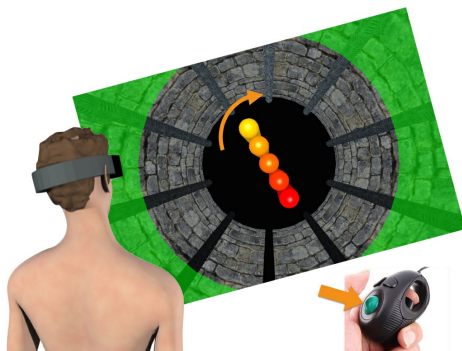
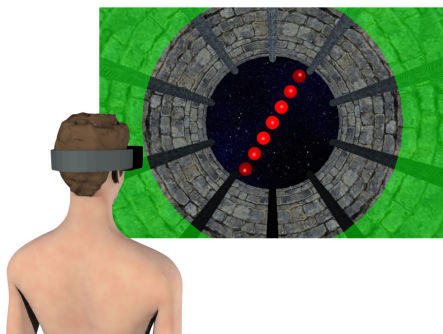
Press '**Next**' to continue.

Visual-Manual



Press '**Next**' to begin.

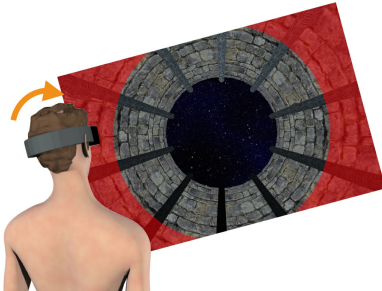
Visual-Visual



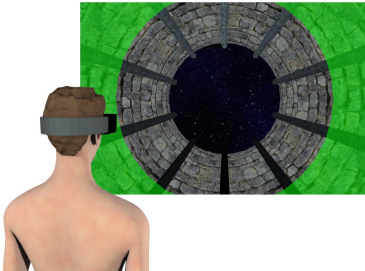
Press **'Next'** to begin.

Step 1: Straighten Head

- If your head is laterally tilted with respect to the trunk, the halo will be red.

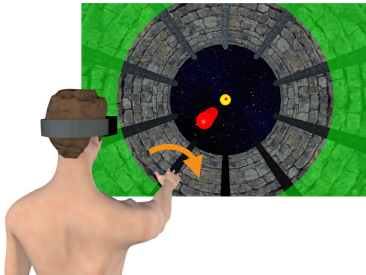


- Align the head to your body axis, this will make the halo turn bright green.

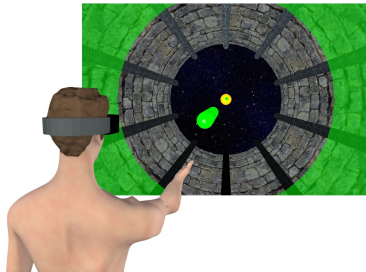


Step 2: Acquire Target

- Once your head is aligned with your body, a disk-shaped target will appear. Raise your arm and point until the laser-pointer falls on the target.



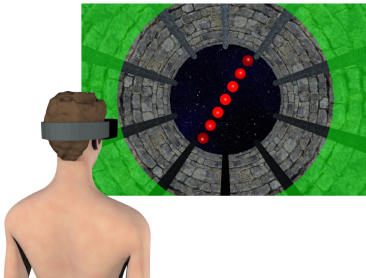
- Rotate your hand in a rolling motion around the axis of your arm until the pointer and the tool turn bright green. Memorise the corresponding hand orientation.



- When the target disappears, lower your arm to your side.

Step 2: Acquire Target

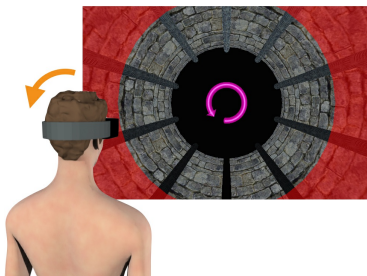
- Once your head is aligned with your body (i.e. when the halo is bright green), a line of balls will appear at the end of the tunnel, representing the target orientation.



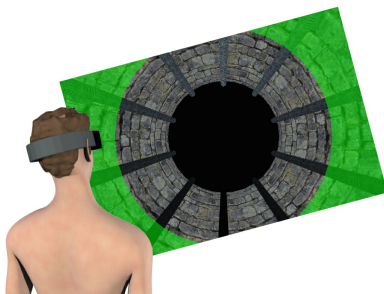
- Memorise the target orientation.

Step 3: Tilt the Head

- If the tunnel turns red, you must tilt your head to a new orientation. If an arrow appears, it tells you which way to rotate the head.



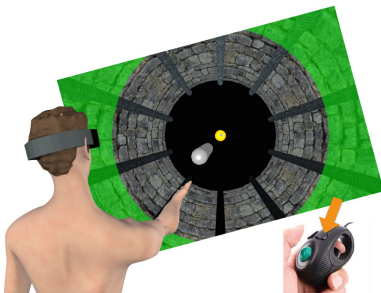
- Roll your head from side to side until the tunnel turns green.



- Hold this position.

Step 4: Align to Target

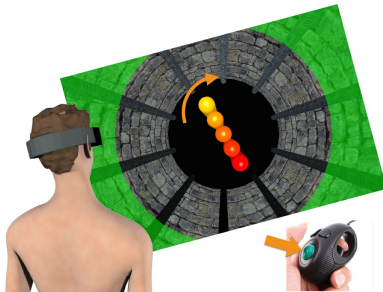
- When the orange disk reappears, raise your arm and aim until the laser pointer falls on the disk.
- Rotate your hand in a rolling motion around the axis of your arm to the remembered target orientation. The hand will not change color.



- Click on the top right mouse button to validate your response once you think your hand is aligned with the memorised target.

Step 4: Align to Target

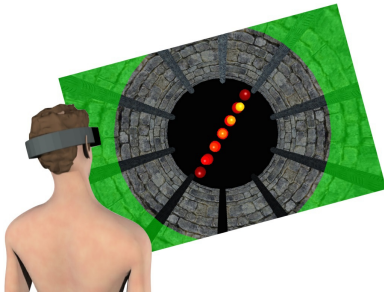
- Use the mouse trackball to align the tool to the memorised target (trackball movements to the left and right produce counterclockwise and clockwise rotations of the tool, respectively).



- Click on the right mouse button to validate your response once you think that your hand is aligned with the memorised target.

Step 5: Check Response

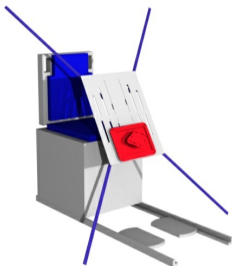
- In some of the trials a line of target balls will be projected from your hand towards the targets, allowing you to verify whether or not you correctly aligned your hand.



Tracker Alignment

Ready to perform the alignment procedure for the 3D tracker:

- Verify that the equipment is installed as shown:



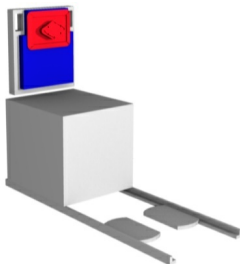
- Check that the field of view of the tracker cameras is free of obstructions.
- Confirm that the chest markers are positioned properly on the chair.

Press '**Execute**' to perform alignment.

Tracker Alignment

Ready to perform the alignment procedure for the 3D tracker:

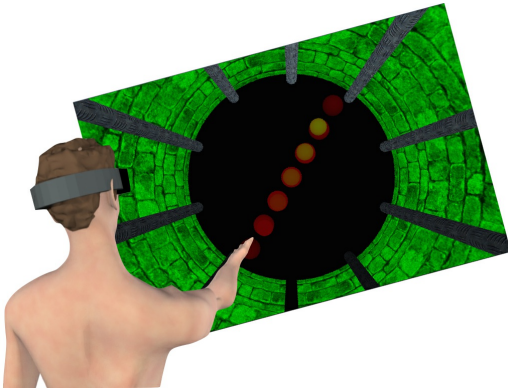
- Verify that the equipment is installed as shown:



- Check that the field of view of the tracker cameras is free of obstructions.
- Confirm that the chest markers are positioned properly on the chair.

Press '**Execute**' to perform alignment.

Welcome to Grasp



In the menus to the left:

- Choose your User ID.
- Select a posture and then a protocol.
- Use the windows and buttons at the right to execute each task in order.

Subsession Terminated



Press '**Next**' to exit.

Action Completed with Errors



Press:

- **'Retry'** to repeat this action.
- **'Ignore'** to ignore and move on.
- **'Restart'** to restart this task or select another.

Recommendation: Attempt **'Retry'** no more than once or twice before consulting with POCC. **'Ignore'** and **'Restart'** should not be used without POCC authorization.

Action Terminated



If normal exit:

- **'Next'** to continue to next step.

If error exit:

- **'Retry'** to repeat this action.
- **'Ignore'** to ignore error and move on.
- **'Restart'** to re-initiate this task or select another.

Recommendation: Attempt **'Retry'** no more than once or twice before consulting with POCC. **'Ignore'** and **'Restart'** should not be used without POCC authorization.

Action Completed Normally



Press '**Next**' to continue.

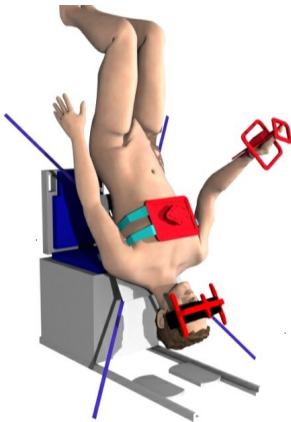
Ready to Start



Press '**Execute**' to continue.

Ready to Start

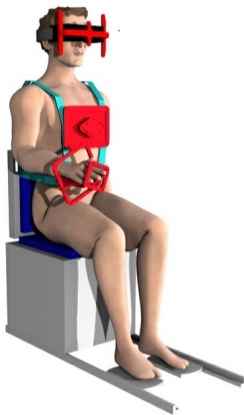
Adopt the quasi-freefloating posture with chest and hand markers attached and the HMD ready.



Press '**Execute**' then don HMD and start trials.

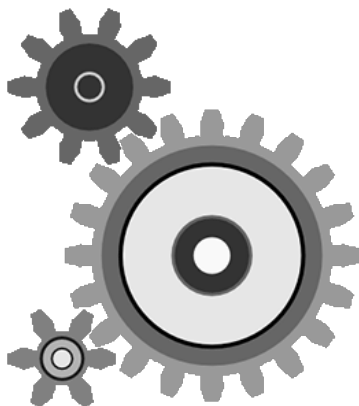
Ready to Start

Adopt the seated posture with chest and hand markers attached and the HMD ready.



Press '**Execute**' then don HMD and start trials.

Application Running



Task Terminated



Press '**Next**' to proceed.













