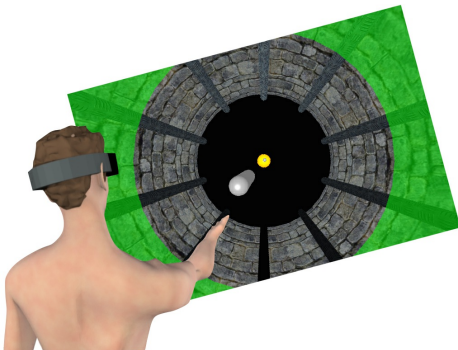
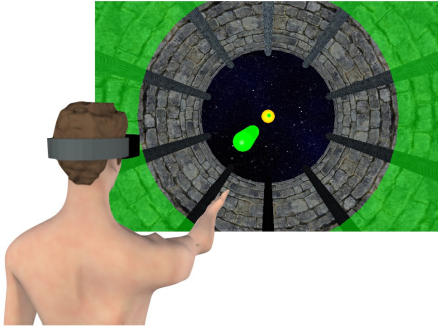
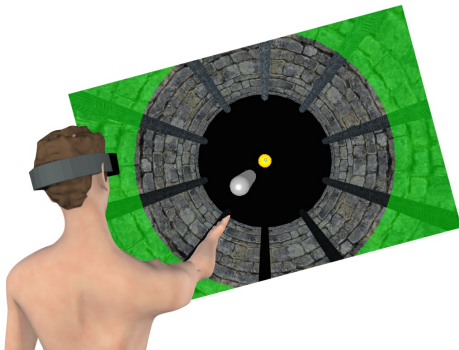
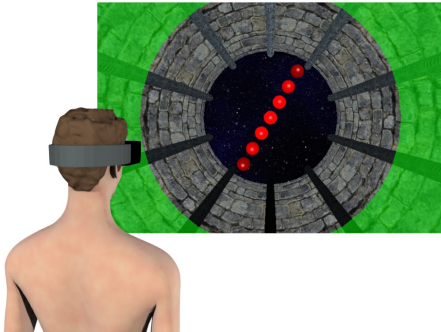


## Manual-Manual



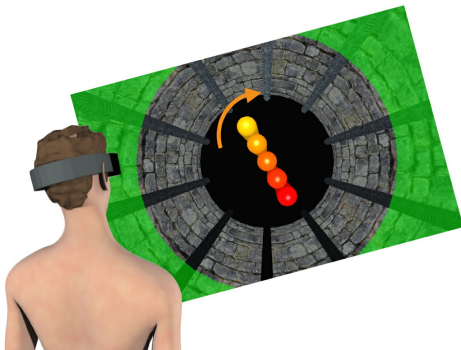
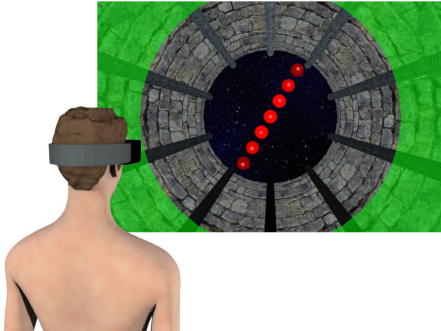
Press **'Next'** to continue.

## Visual-Manual



Press **'Next'** to begin.

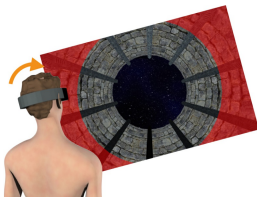
## Visual-Visual



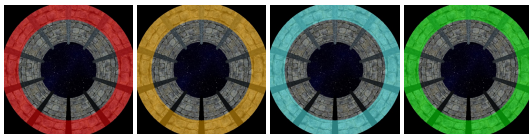
Press **'Next'** to begin.

## *Step 1: Straighten Head*

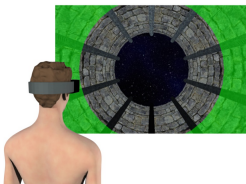
- If your head is laterally tilted with respect to the trunk, the halo will be red:



- Slowly straighten your head on your shoulders. This will make the halo turn progressively from red to green:

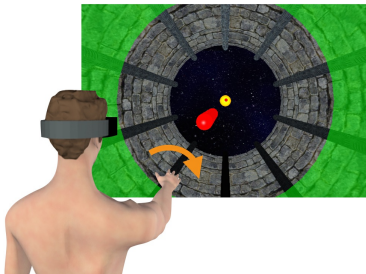


- When the halo pops to bright green, hold this position.

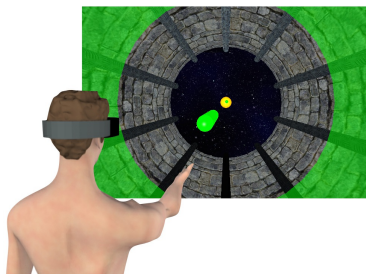


## *Step 2: Acquire the Target Orientation*

- Once your head is aligned with your body, a yellow spherical target will appear. Raise your arm and point your hand towards the target such that the laser-pointer falls on the target.



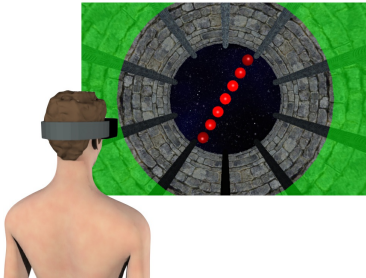
- Rotate your hand in a rolling motion around the axis of your arm until the pointer and the tool turn bright green. Memorise the hand orientation.



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

## *Step 2: Acquire the Target Orientation*

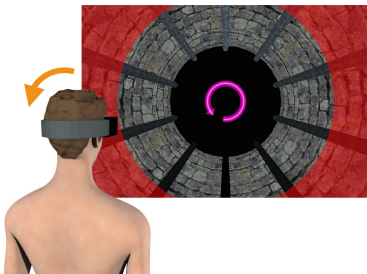
- Once your head is aligned with your body (i.e. when the halo is bright green), a line of balls will appear at the end of the tunnel, representing the target orientation.



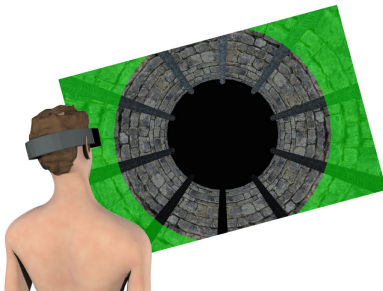
- Memorise the target orientation.

### *Step 3: Tilt the Head*

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



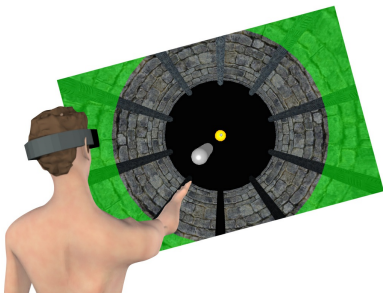
- Roll your head from side to side until the tunnel turns bright green and hold this position.



### *Step 4: Align to Target*

- When the orange disk reappears, raise your arm and aim with the hand 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.

**Note:** *In this phase the virtual tool gives no indication about the orientation of the hand around the roll axis. You must rotate the hand to the **remembered** orientation while pointing to the target in pitch and yaw.*



- With your left hand, press the center button on the Remote Control to validate your response once you think your hand is aligned with the memorised target.

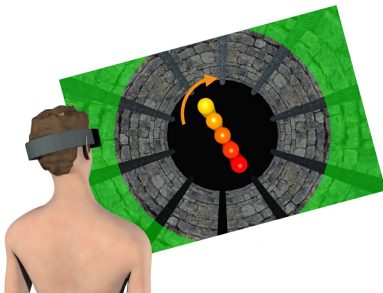
*(Need an image of the Oculus Remote Control.)*



### ***Step 4: Align to Remembered Target***

- With the left hand use the Remote Control to align the virtual tool to the memorised target.

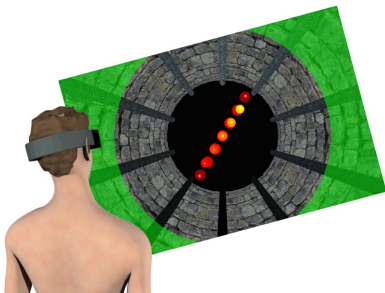
**Note:** *Press and hold the right and left arrows on the remote to rotate the virtual tool clockwise and counter-clockwise, respectively.*



- Press the center button on the remote to validate your response once you think that the virtual tool 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.



## Maintenance Tasks

These are a set of maintenance tasks that can be used to configure the GRASP software and hardware configurations. They should only be used on instruction by ground operations.

NOTE: The entire list of tasks ***should not*** be executed in sequential order. Rather, each tasks should be selected and executed individually according to instructions.

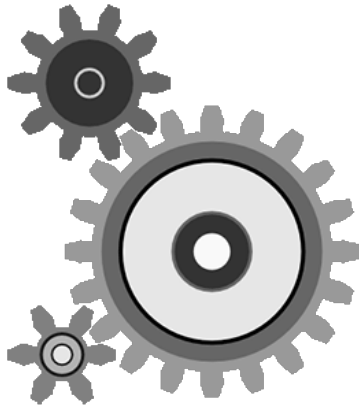
Click on the desired task to continue.

## Subsession Terminated



Press '**Next**' to exit.

## Application Running



## Task Terminated



Press 'Next' to proceed.