

XR-Clinic Mobile manual



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Delivery set



Meta Quest 2 VR headset



External battery



VR headset carrying case



Universal power adapter

Not included:



Wi-Fi router



PC or laptop

Appearance of equipment may differ from the one presented in the manual

Setup

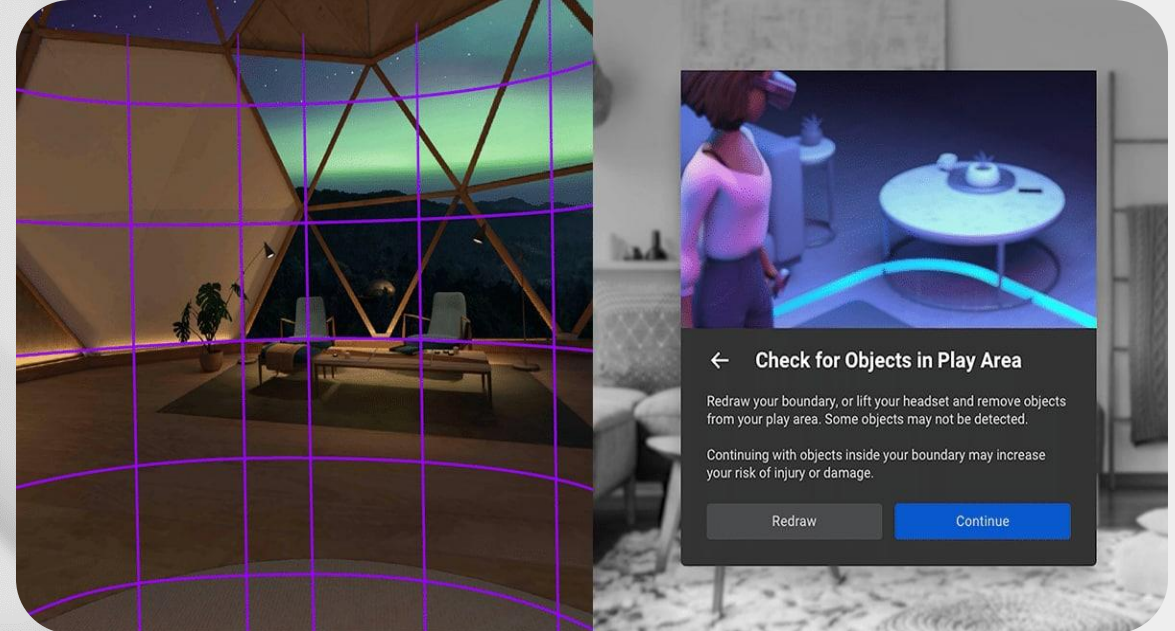
Goggles setup

- Hold the power button to turn on VR goggles
- Use controllers to operate with the VR headset.
- Make sure batteries are fully charged



VR setup

- Connect the VR headset to the Wi-Fi network
- Create the boundary or choose the stationary one
- Make sure the boundary zone is free of objects



Getting started

Launch the application

- Open the application library in the main menu
- Choose the XR-Clinic application
- Click on it to start



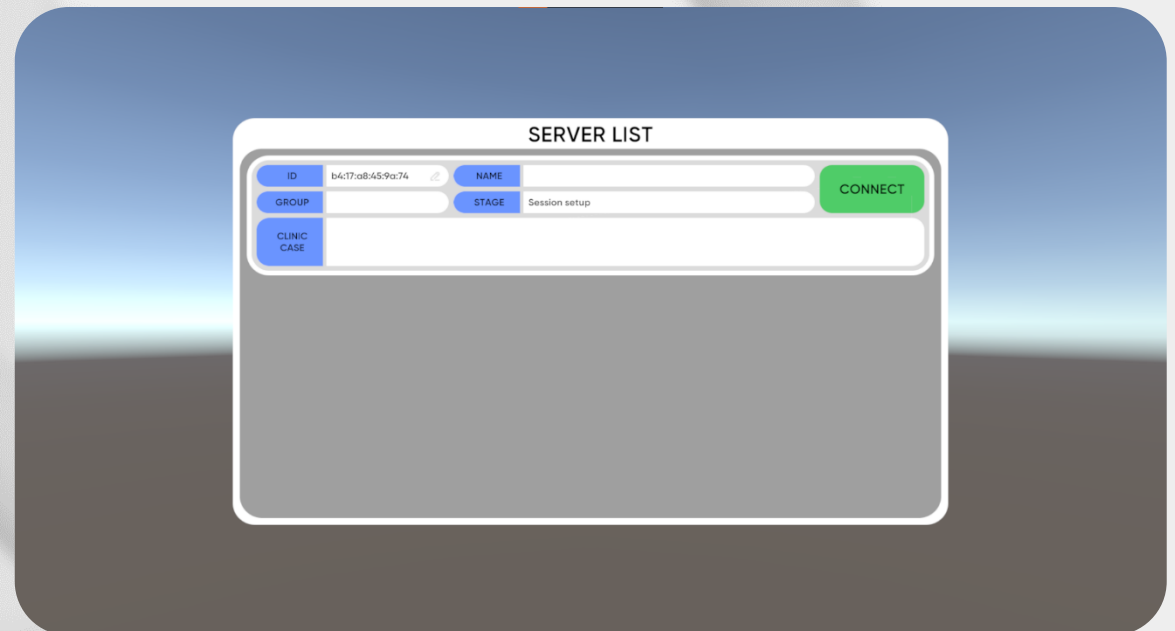
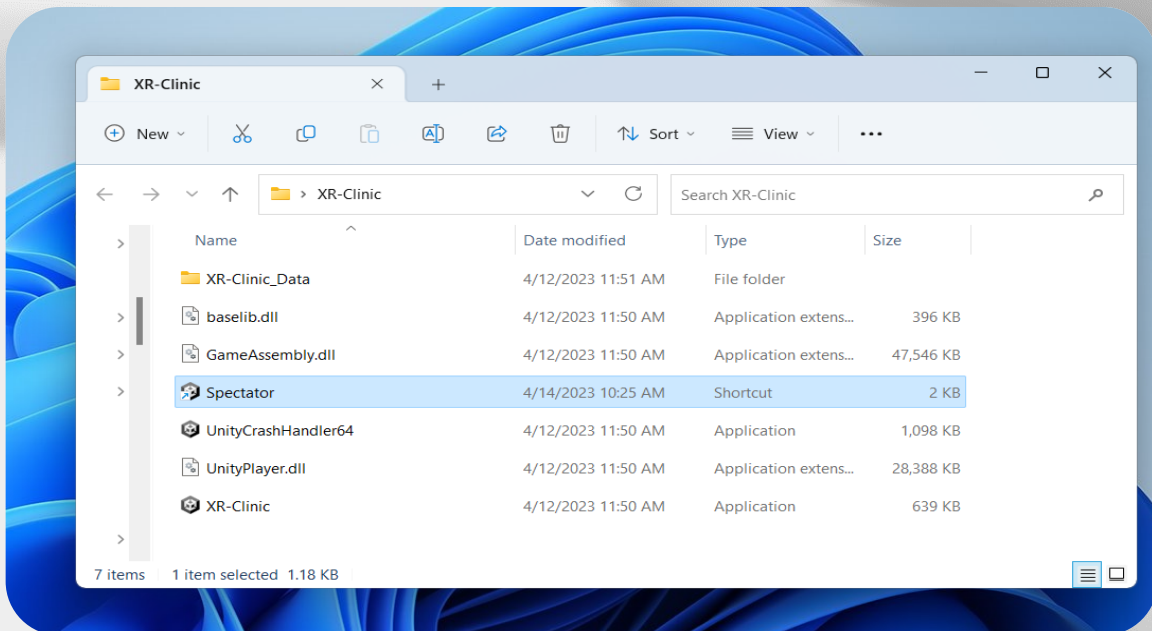
Log in and update

- Enter the Profile key on the start screen
- Case Manager update notification will appear automatically - click "Download" to update cases



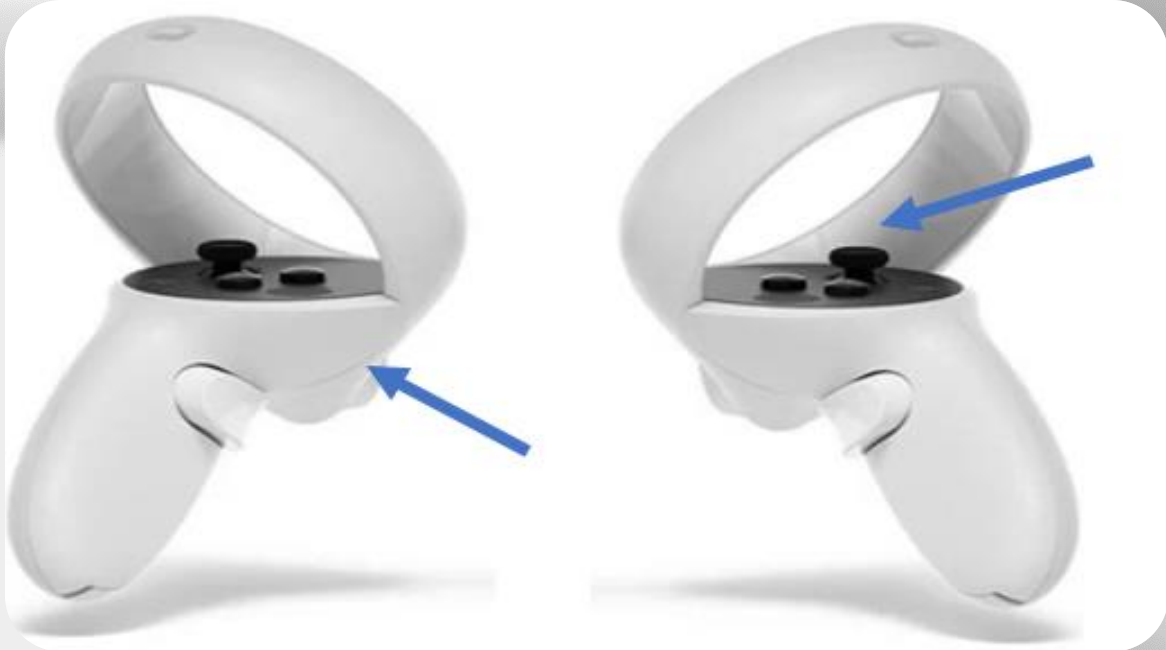
Spectator setup

- Connect your computer to the same Wi-Fi network as the VR set
- Start “XR-Clinic_Spectator” on the computer
- Click on the session in the Server list



Controls

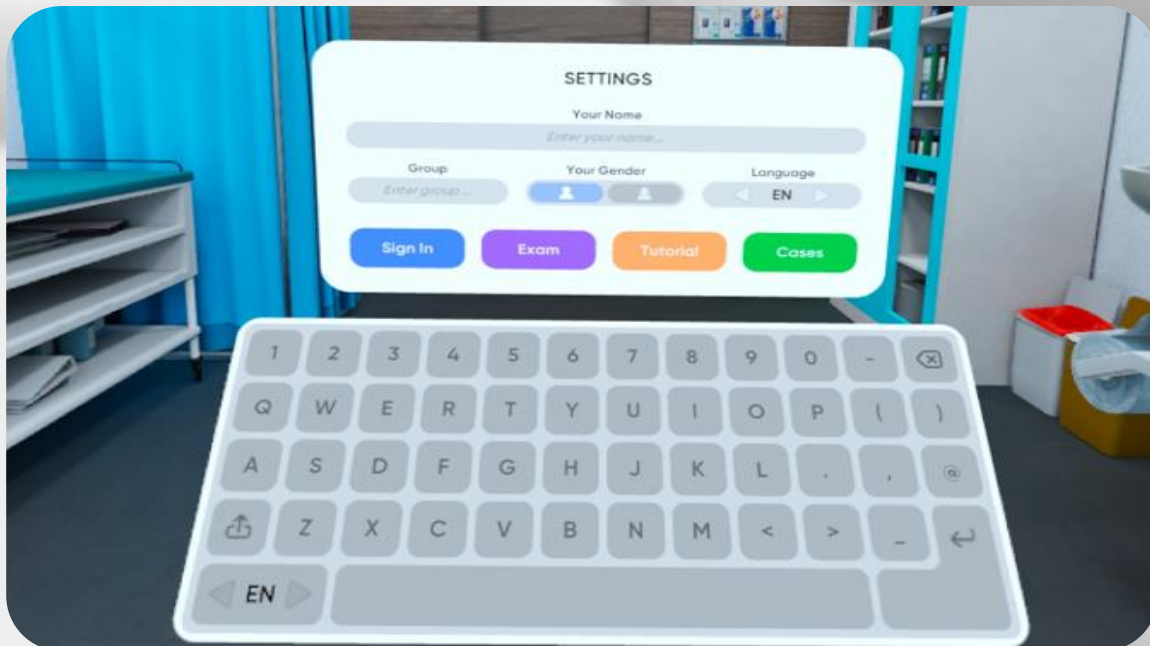
- Use the trigger button to interact with objects, menus or keyboard
- Scroll any list holding the trigger and moving controller up or down
- Hold the trigger to take any item in the hand inside the simulation
- Push the joystick, aim with the green arrow and release the joystick to use teleportation
 - Push the joystick left or right to turn around



Home screen

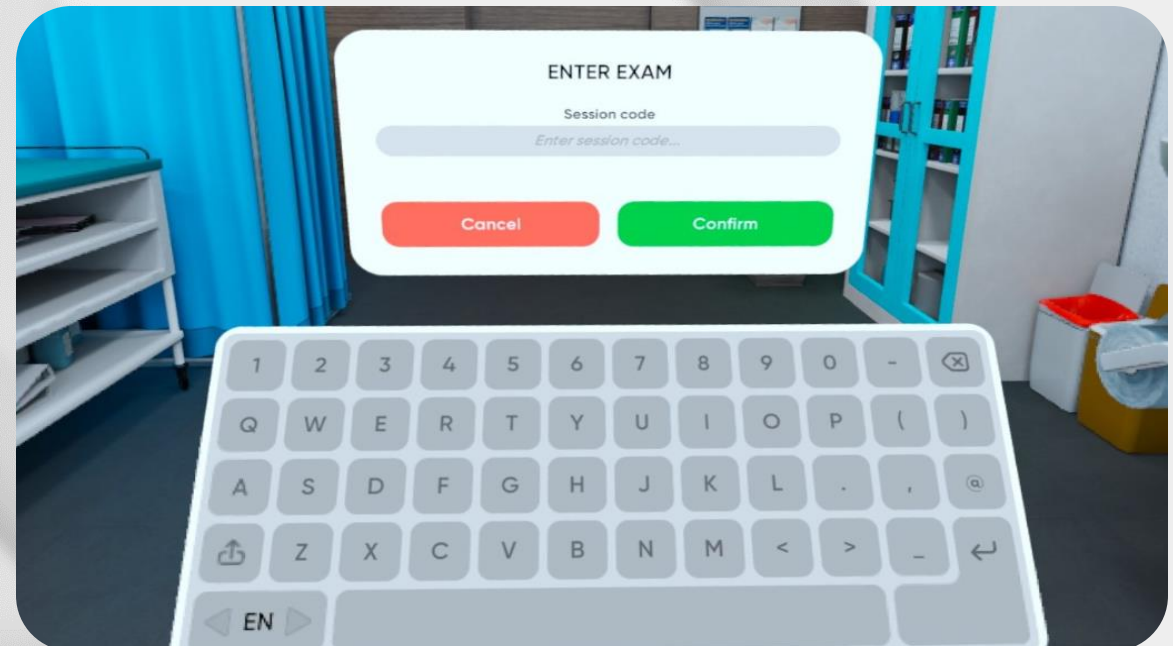
Settings

- Enter your group number, choose gender and language
- Click the “Cases” button
- You can also start the XR-Clinic Mobile Tutorial



Exam mode

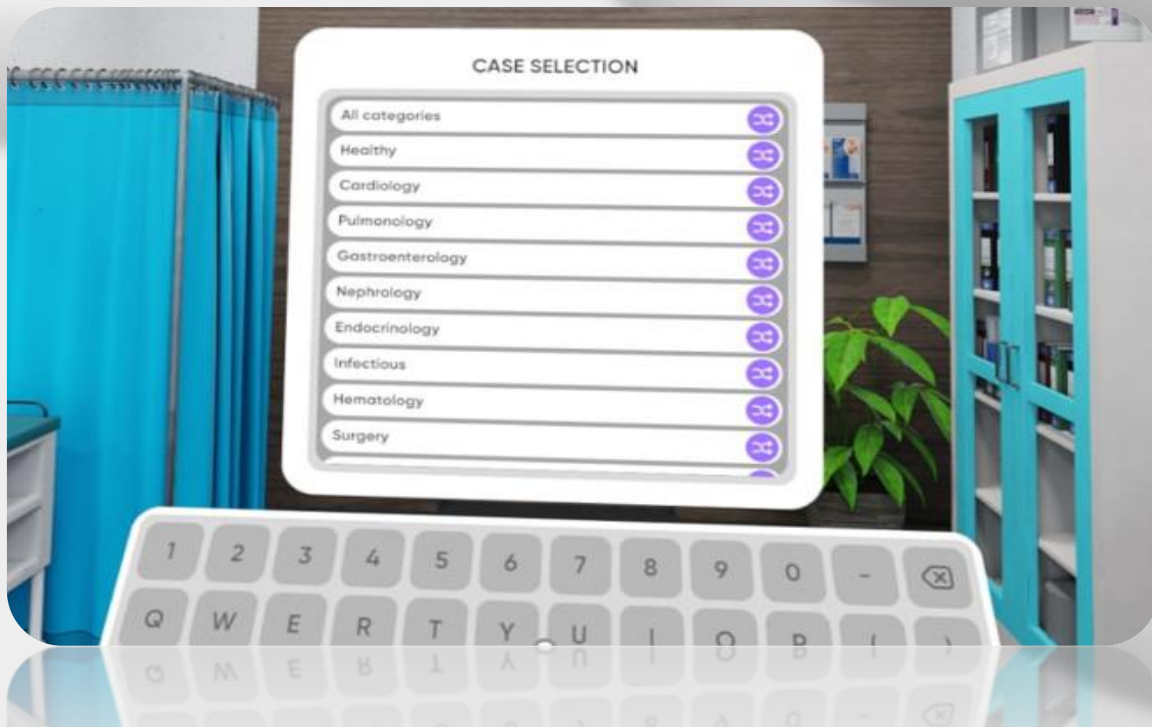
- Exam can be scheduled in Smart Center
- Scheduled exam will start automatically
- If the user is not logged in, exam can be started with a unique code generated in Smart Center



Home screen

Case selection

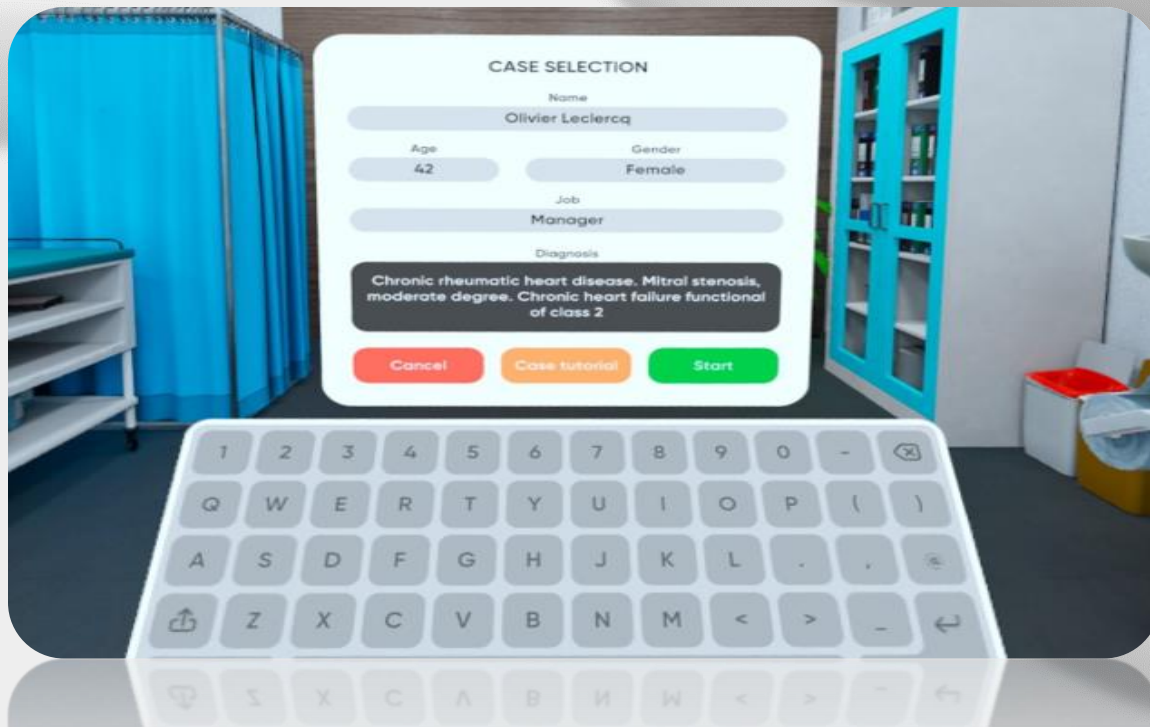
- Case selection menu is divided into categories by clinical disciplines
- Choose one of them to overview the case list by the certain discipline
 - Choose the specific case from the category



Home screen

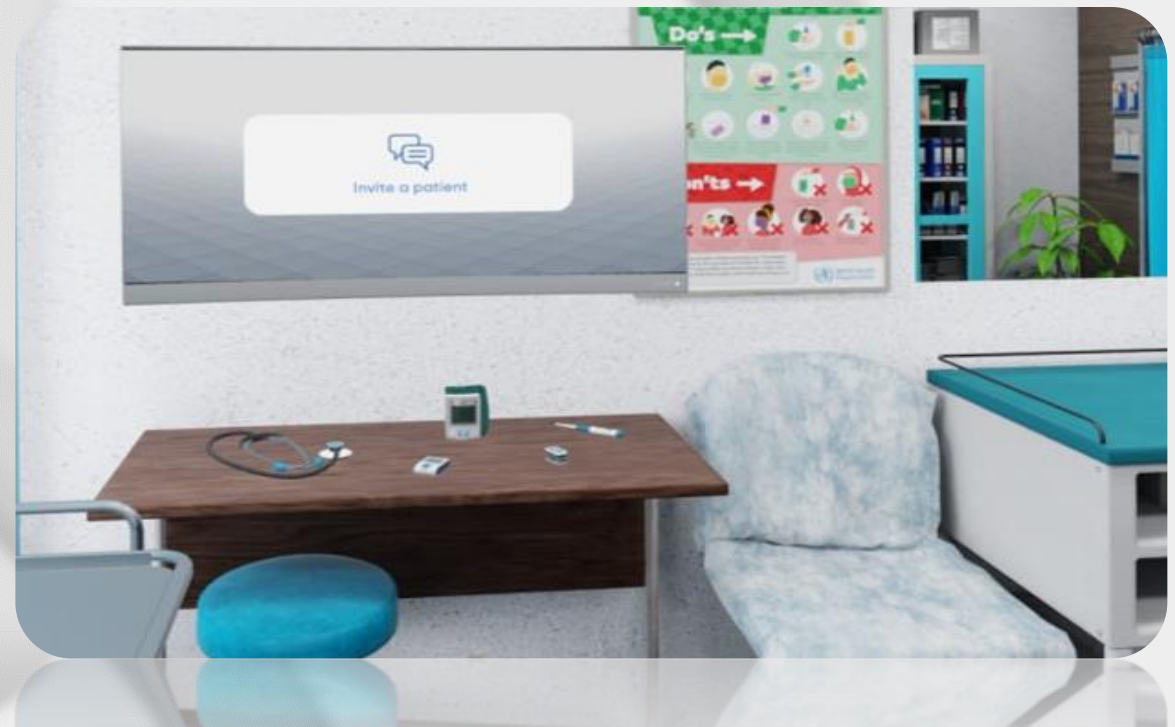
Case selection

- The case menu consists patient's info and the diagnosis
- Click "Start" to begin
- You can also start certain case Tutorial



Start of the appointment

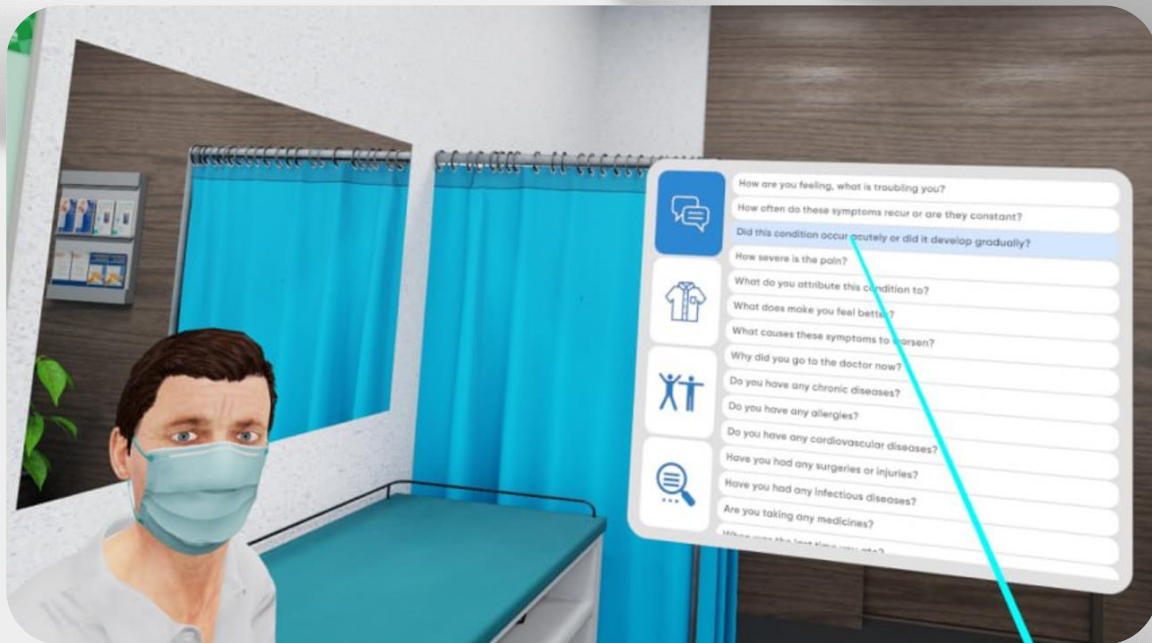
- Use controllers to operate inside the simulation
- Teleport to the sink to do hygiene
- Click on the "Invite a patient" button to start



Outpatient appointment

Dialog

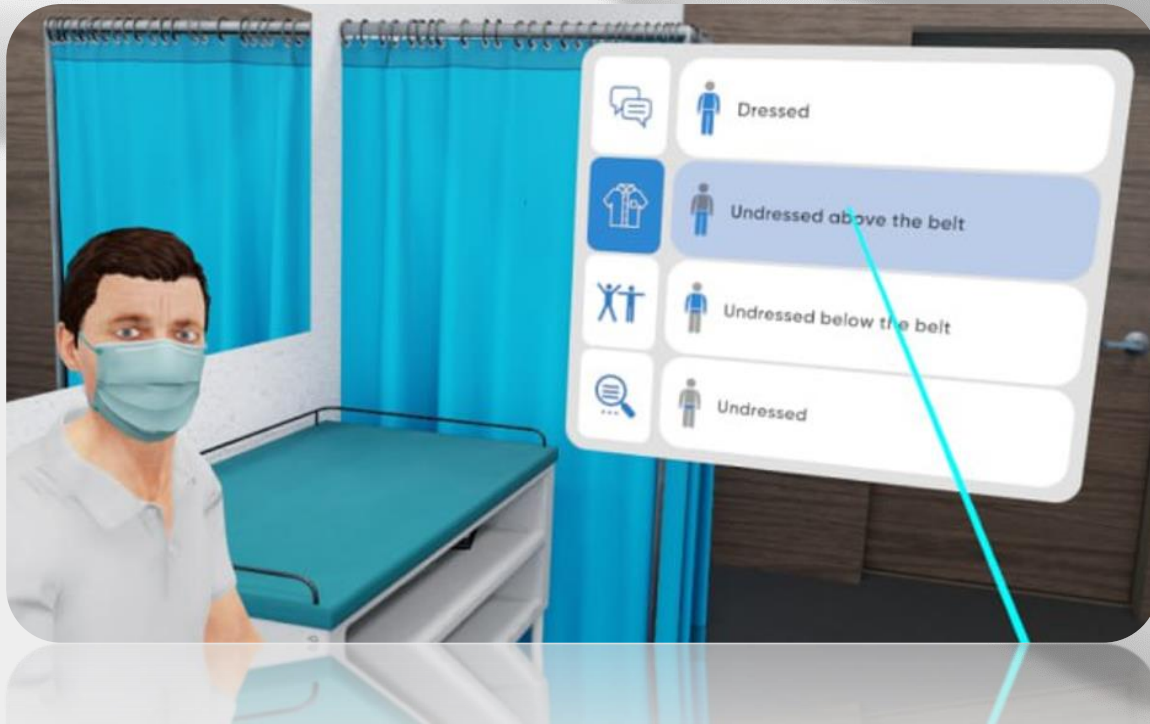
- Select questions to collect information
- Save responses in certain categories: complaints, anamnesis of disease, anamnesis of life, epidemical anamnesis
- You can skip the response if needed



Outpatient appointment

Clothing

- It is necessary to undress the patient before physical examination
- Choose the suitable option in the clothing menu



Body position

- Physical examination can be performed in different body positions
- Choose appropriate position for examination
- Oral examination is also available



Outpatient appointment

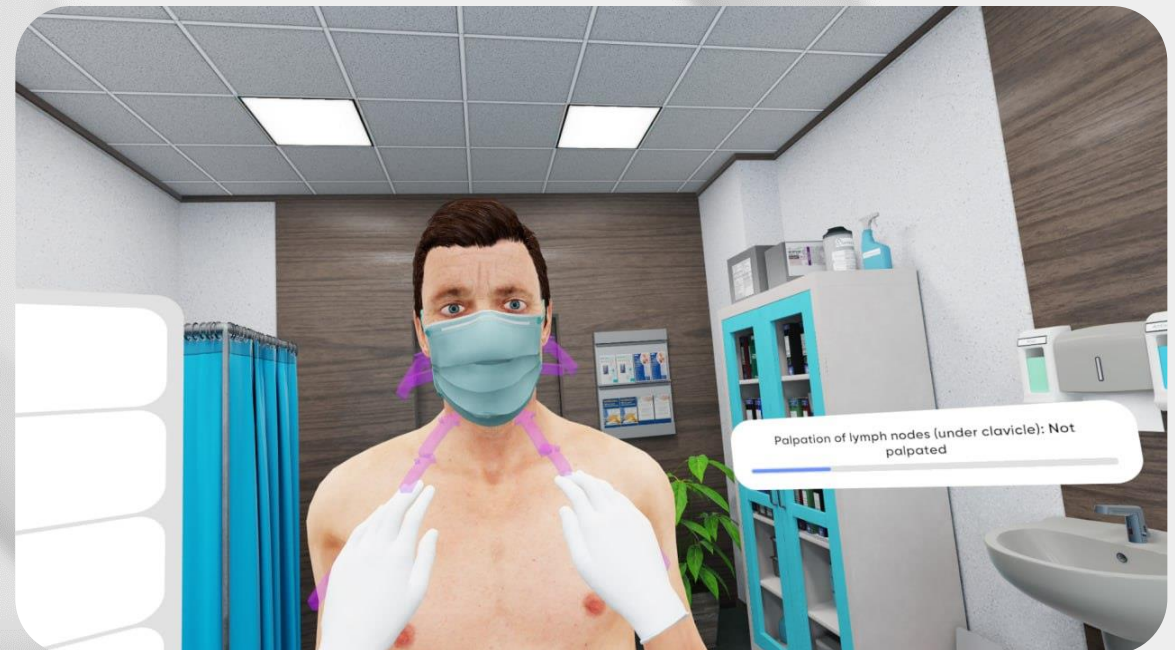
Assessments

- Choose as many additional examinations to prescribe from the list as needed
- Click the “Send” button



Physical examination

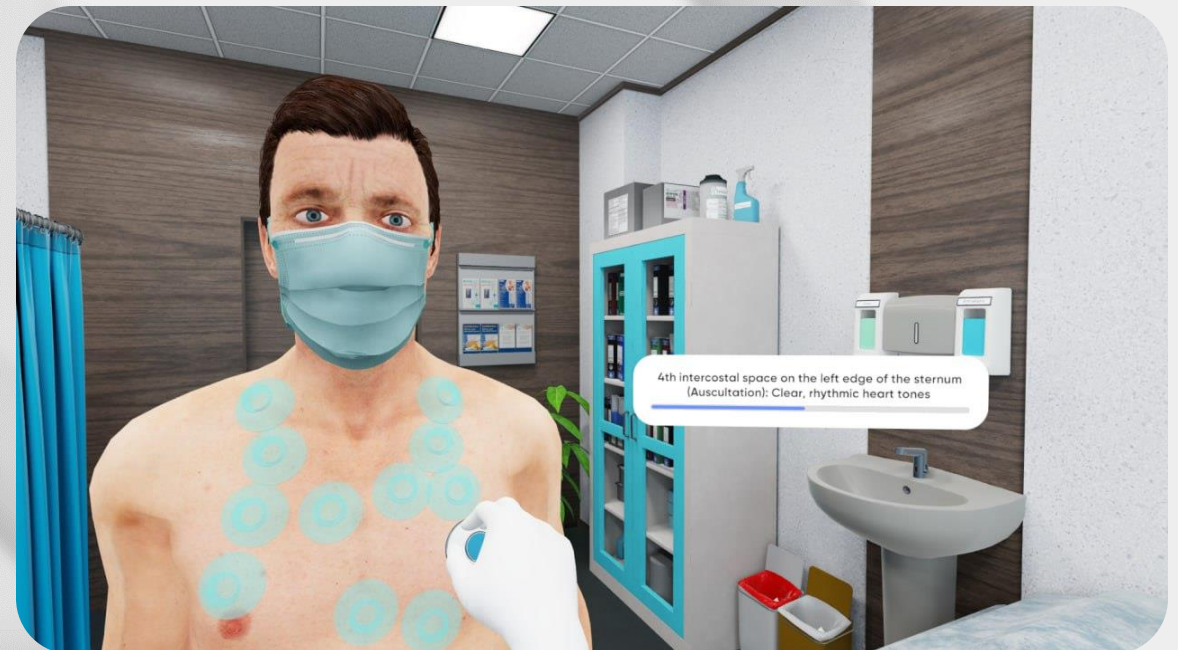
- Undress the patient
- Choose appropriate body position
- Teleport closer to patient to start examination



Outpatient appointment

Physical examination

- To palpate the patient with both hands follow purple arrows on his body
- To percuss the patient follow green arrows: set the right hand atop of the left hand
- To auscultate the patient take the phonendoscope from the table on the left side of you



Outpatient appointment

Medical tools

- Use medical tools only in the sitting position
 - Take the tool using the trigger
- Hold the tool in hand and bring it to appropriate area of the body



Clinical data analysis

History of disease

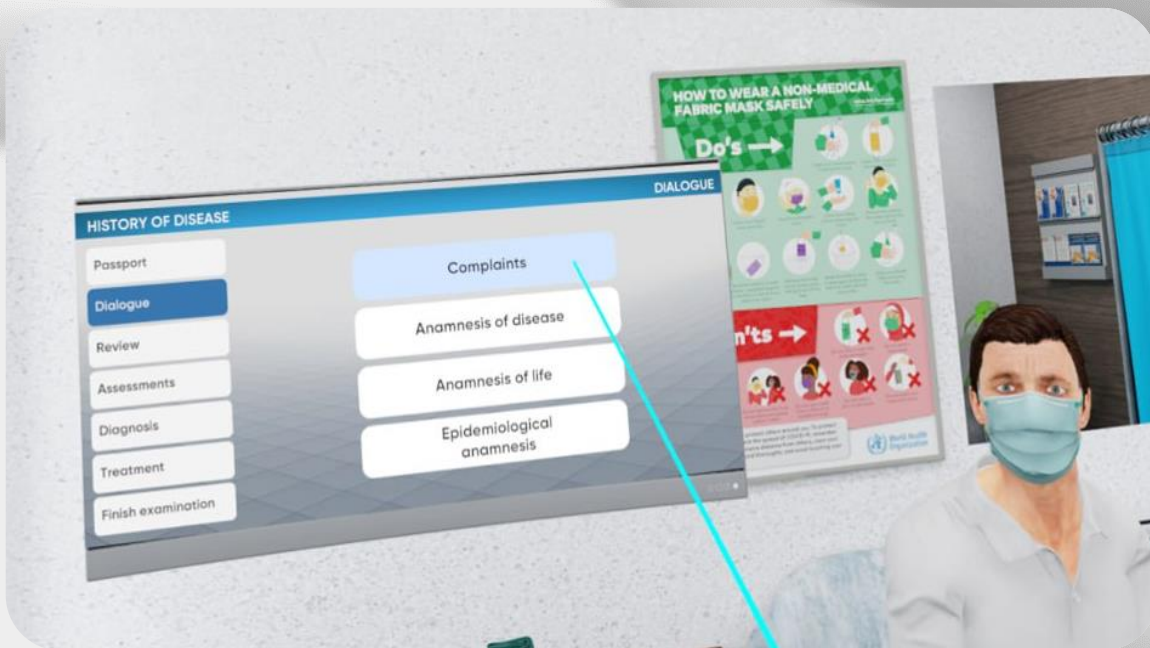
- Use History of Disease window on the left side to work with data
- History of disease stores results of every examination that was held
 - Passport contains basic information about the patient



Clinical data analysis

History of disease. Dialog

- Contains every verbal response of the patient
- Responses are stored in certain categories
- If there's not enough verbal data, you are able to ask more questions



Clinical data analysis

History of disease. Review

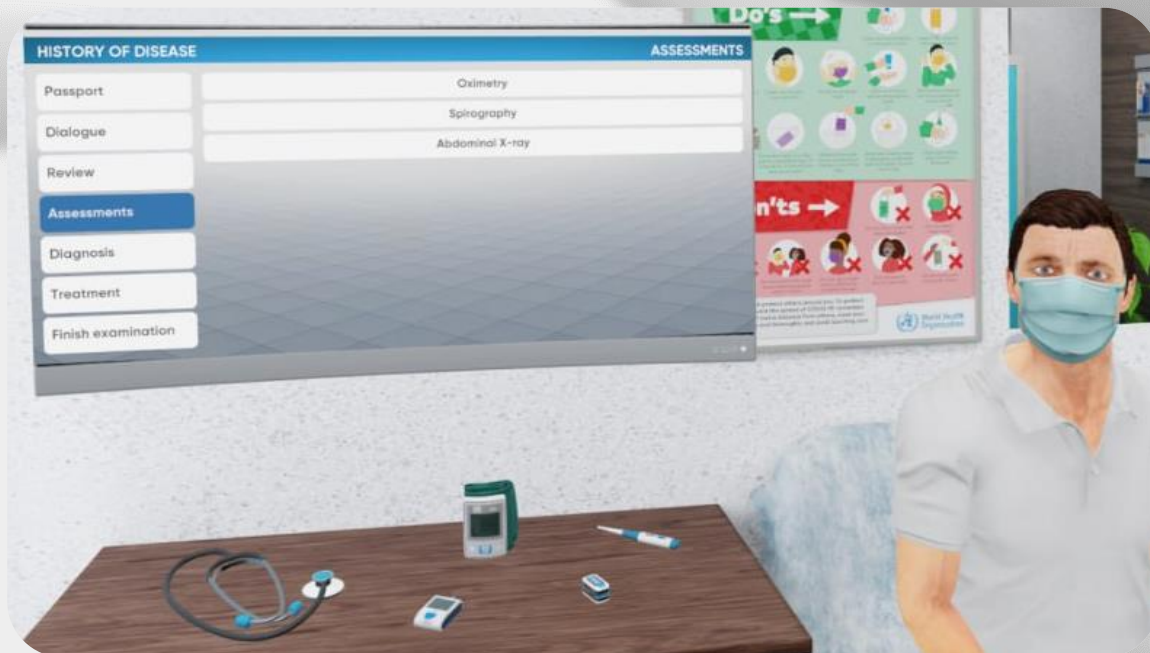
- Contains data from physical and visual examinations
- The data is categorized by organ systems titles.
- If there's not enough data, you are able to perform more examinations



Clinical data analysis

History of disease. Assessments

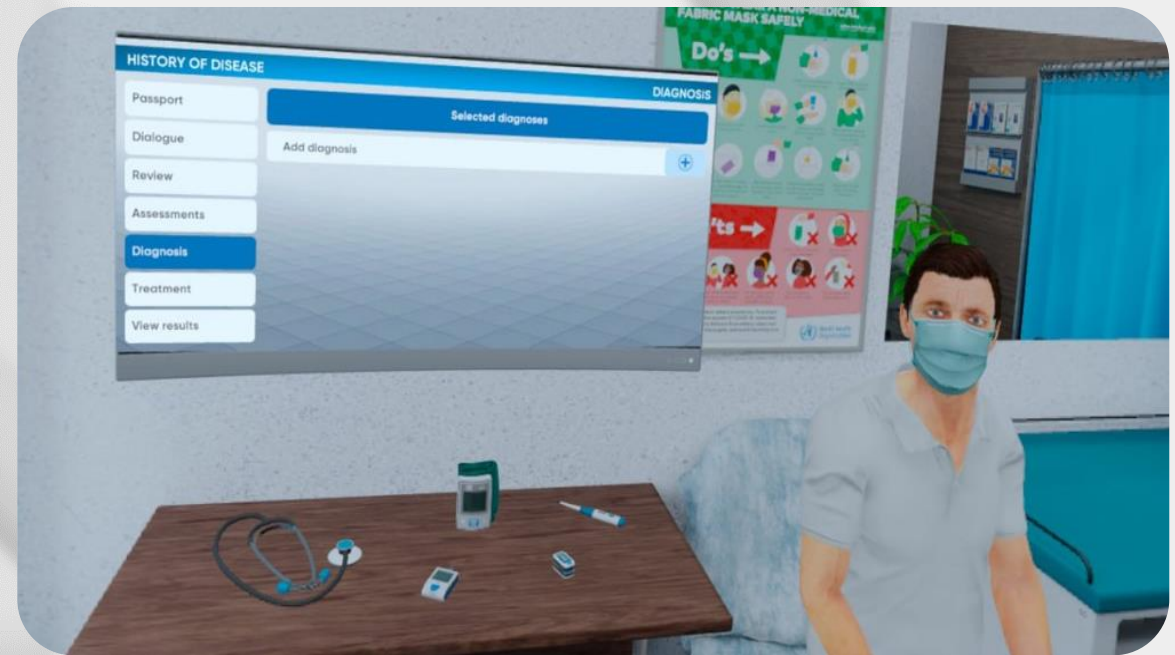
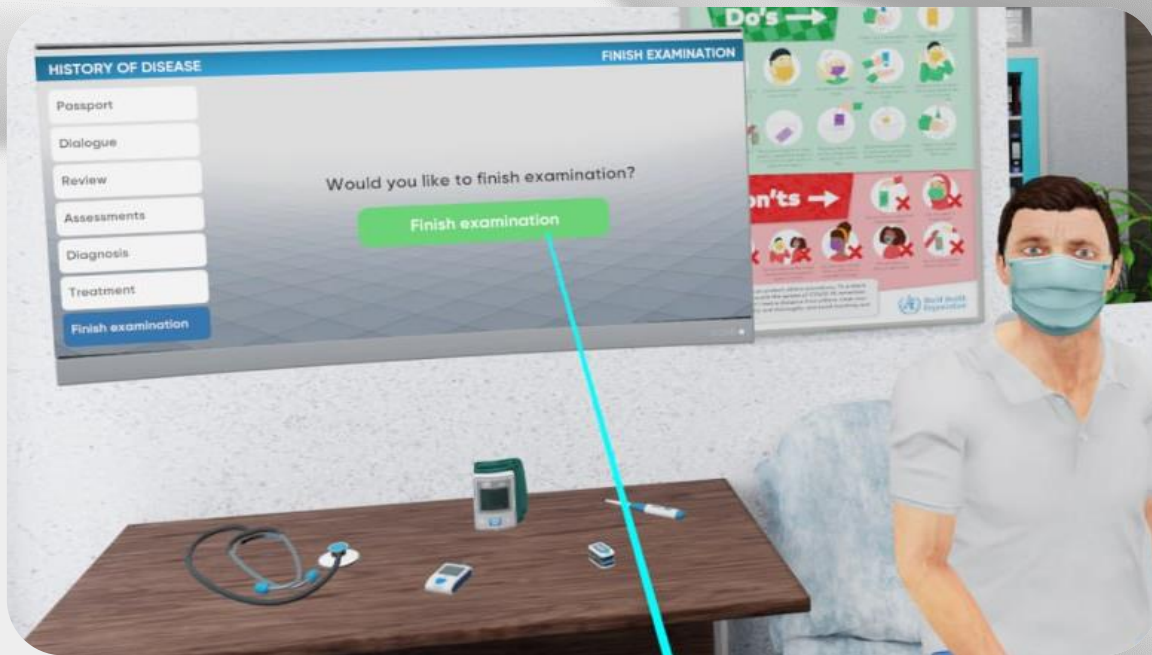
- Contains data from additional examinations
- Conclusion is provided with pictures and tables.
- If there's not enough data, you are able to perform more assessments



Clinical data analysis

History of disease. Diagnosis

- Finish the examination to move to diagnosis
- You won't be able to perform any more examinations
- Click on the “plus” icon to add the diagnosis



Clinical data analysis

History of disease. Diagnosis

- Diagnosis catalog has 4 levels with different groups indicated by an alphanumeric code
- Choose the suitable group and specify the diagnosis step by step up to the last level
 - Press “select” to choose the suitable variant on the final level



Clinical data analysis

History of disease. Treatment

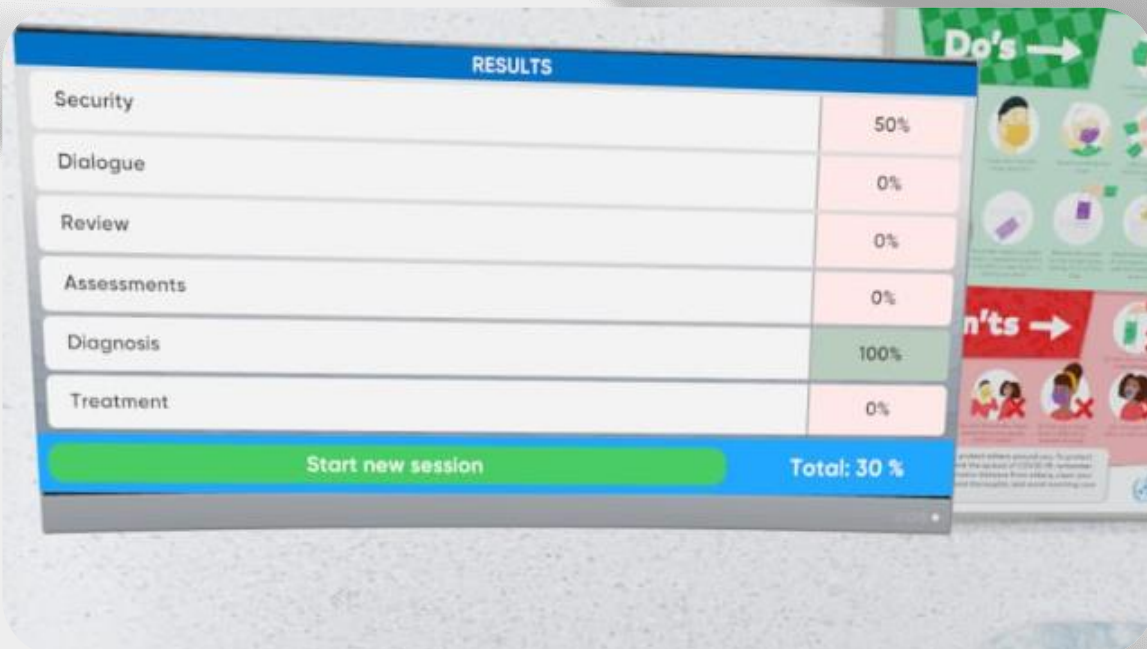
- Choose the appropriate treatment for the patient
- Medications, Hospitalization and Diet options are available
- Click on “View results” to finish the simulation



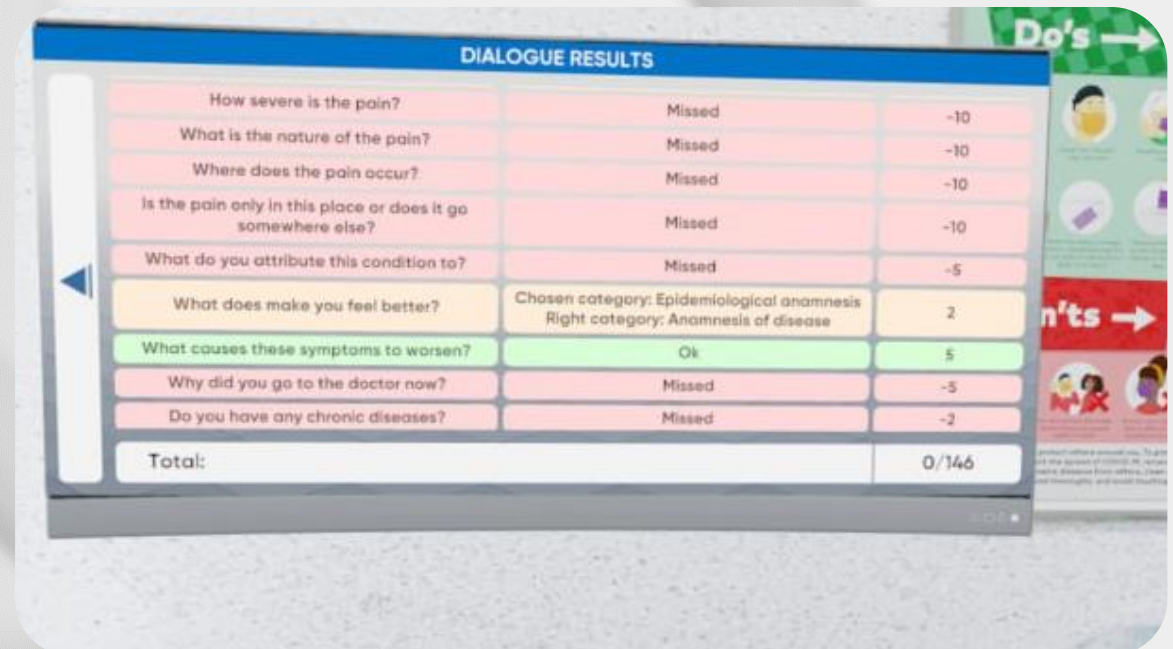
Evaluation

Results

- Three types of grades: positive, negative, neutral
 - Excessive and missed actions are negative
- The overall result counts every action evaluation



RESULTS	
Security	50%
Dialogue	0%
Review	0%
Assessments	0%
Diagnosis	100%
Treatment	0%
Start new session	
Total: 30 %	



DIALOGUE RESULTS		
How severe is the pain?	Missed	-10
What is the nature of the pain?	Missed	-10
Where does the pain occur?	Missed	-10
Is the pain only in this place or does it go somewhere else?	Missed	-10
What do you attribute this condition to?	Missed	-5
What does make you feel better?	Chosen category: Epidemiological anamnesis Right category: Anamnesis of disease	2
What causes these symptoms to worsen?	Ok	5
Why did you go to the doctor now?	Missed	-5
Do you have any chronic diseases?	Missed	-2
Total:		0/146

**Be
READY**

Technical support
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Nasco
HEALTHCARE