

# 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

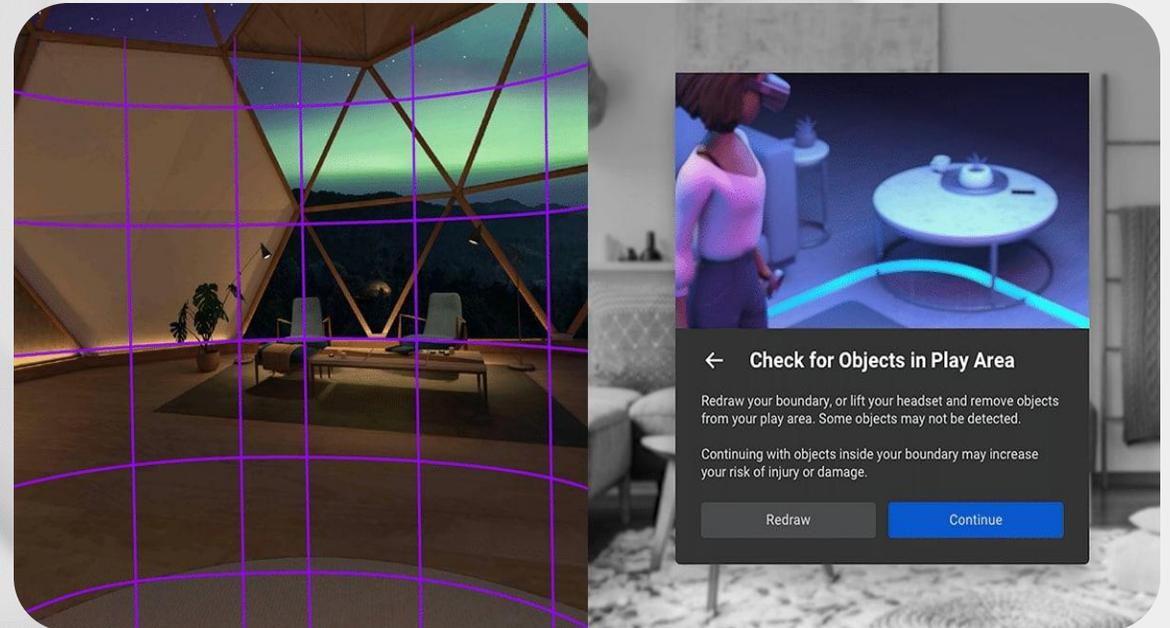
## Goggles setup

- 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

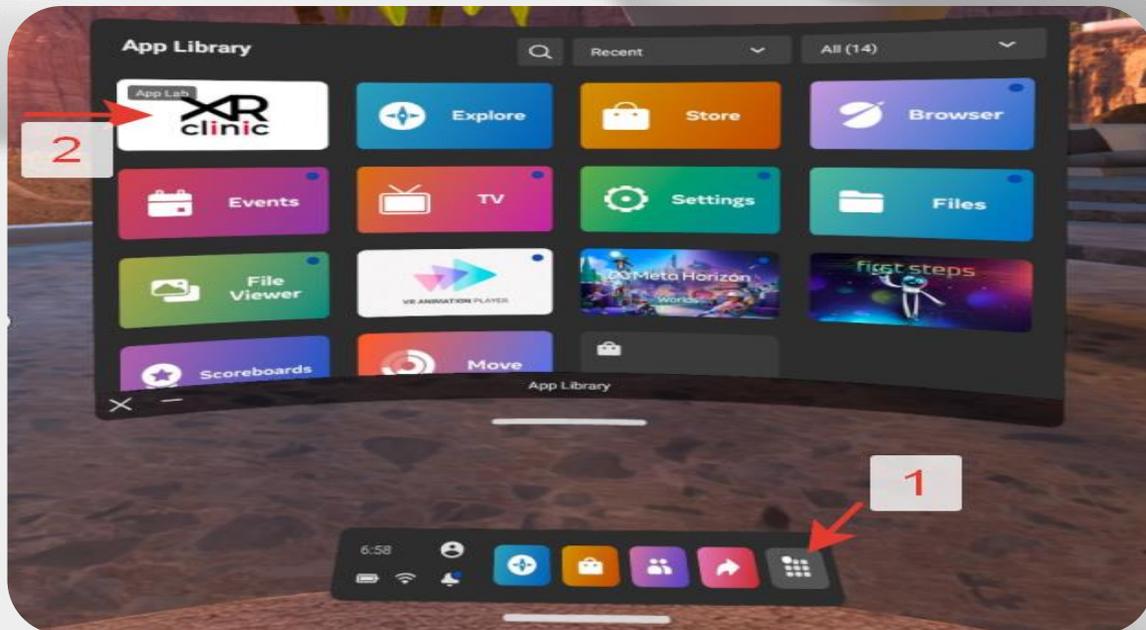
- Connect the VR headset to the Wi-Fi network
- Create the boundary or choose the stationary one
- Make sure the boundary zone is free of objects



# Getting started

## Launch the application

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



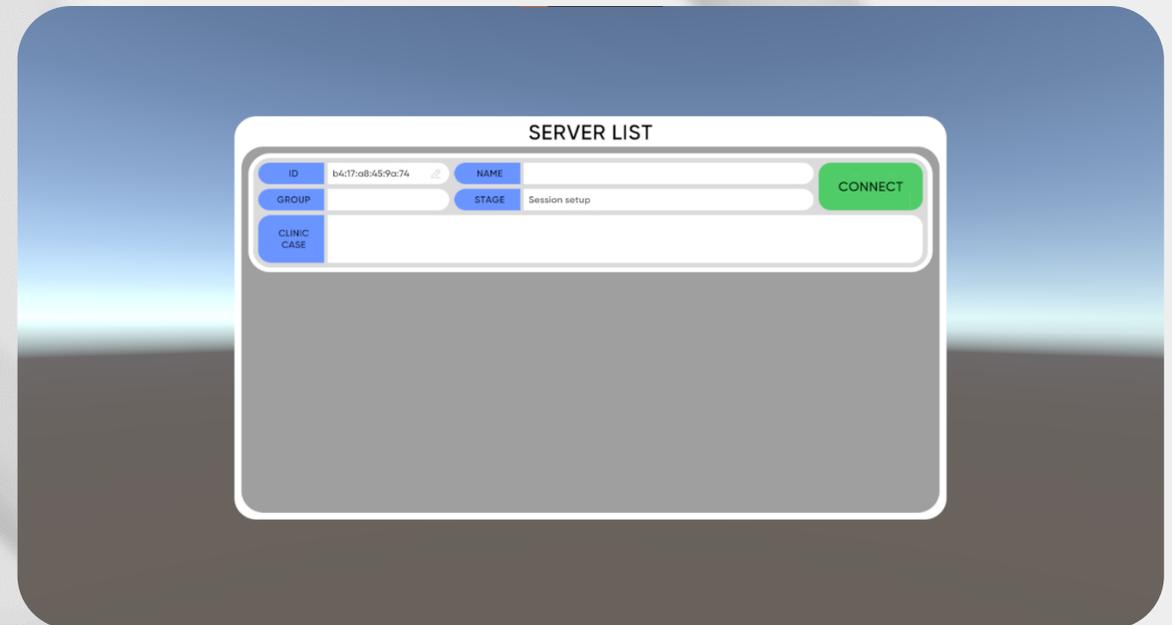
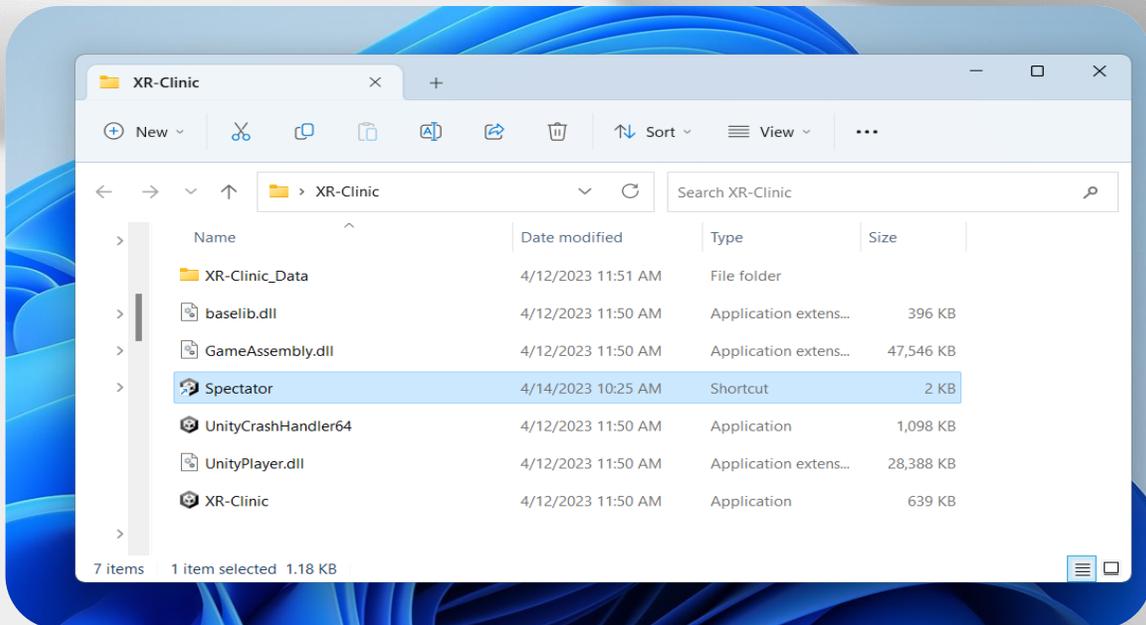
## Log in and update

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



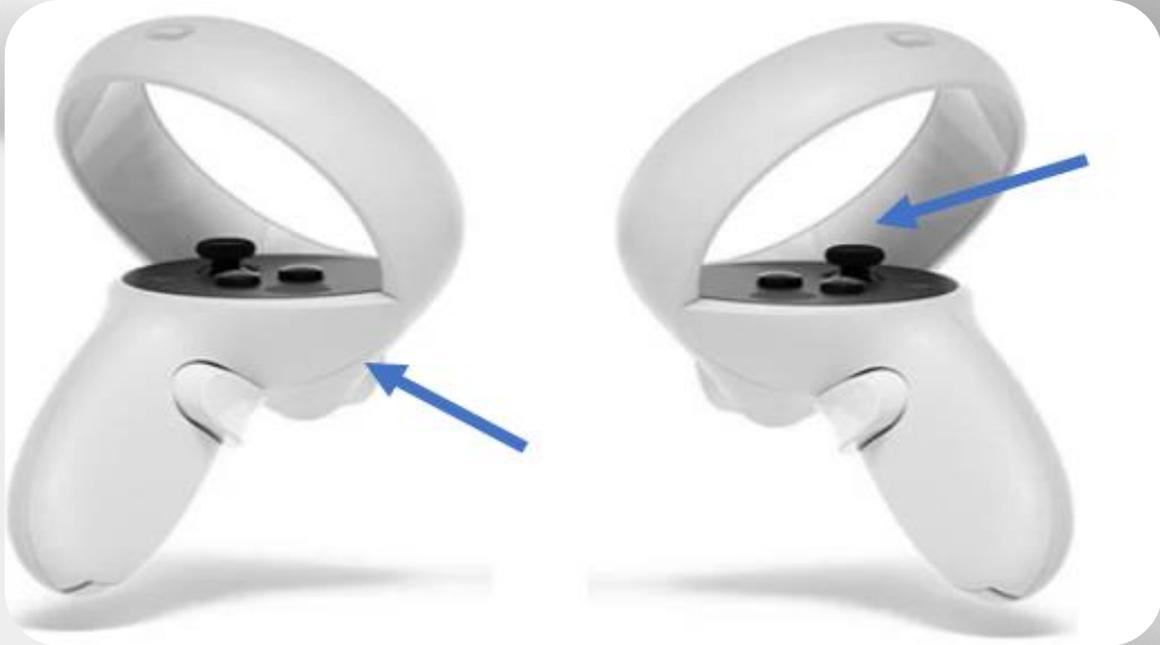
# Spectator setup

- 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

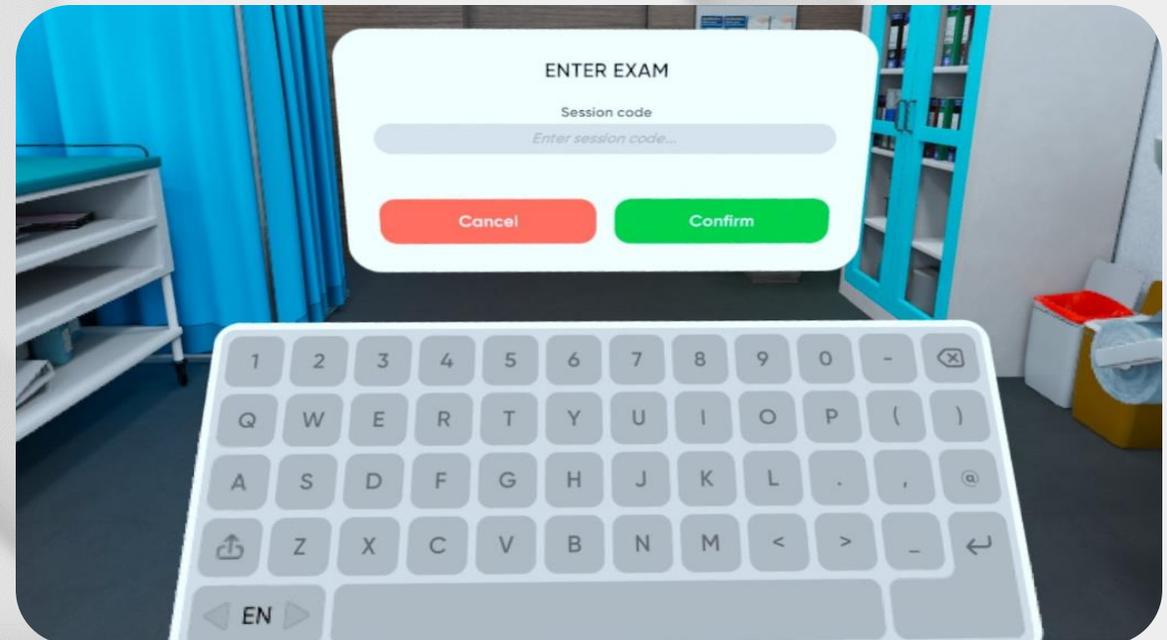
## Settings

- 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

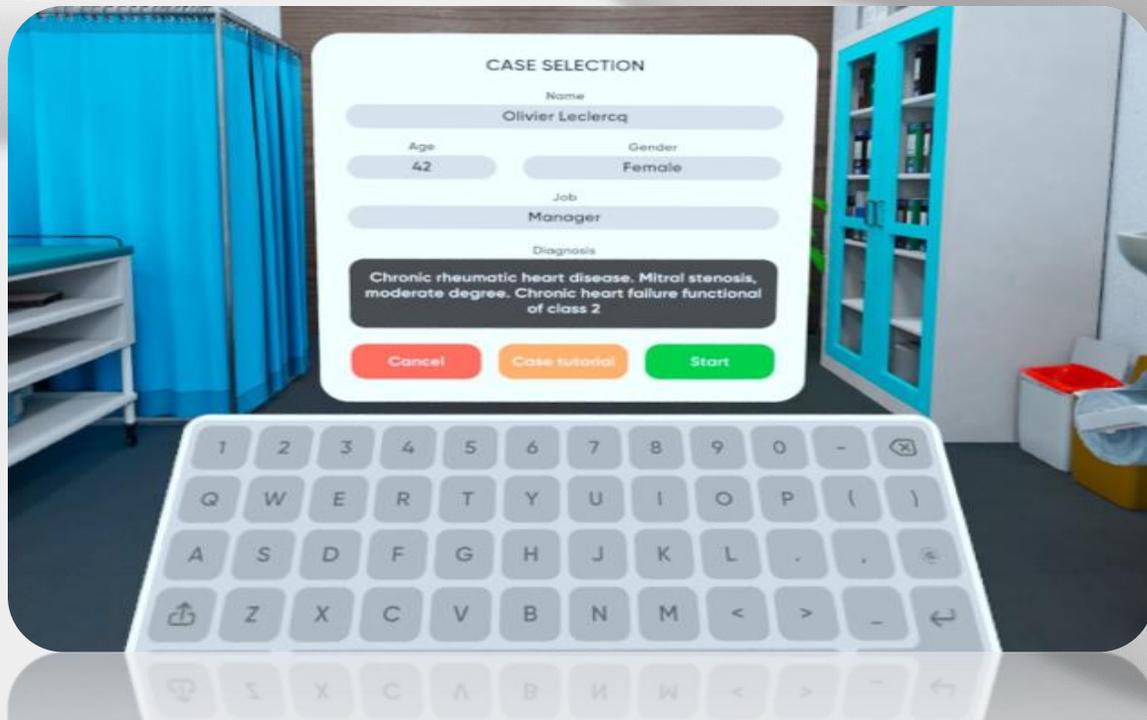
- Case selection menu is divided into categories by clinical disciplines
- Choose one of them to overview the case list by the certain discipline
  - Choose the specific case from the category



# Home screen

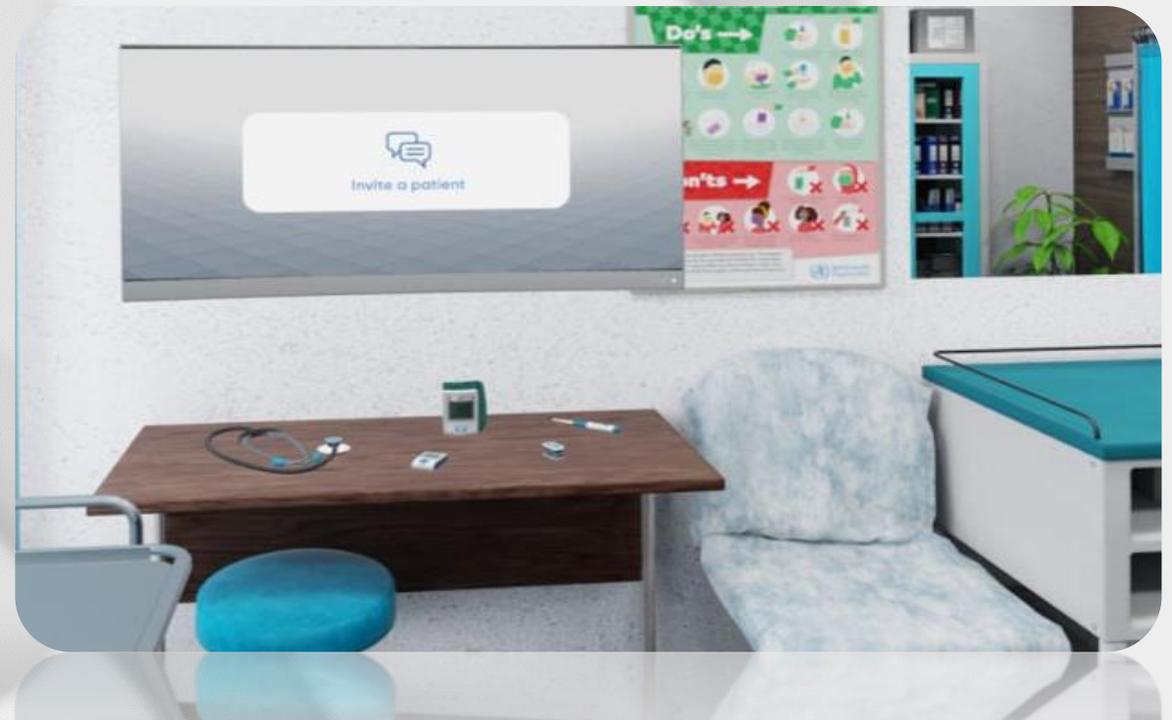
## Case selection

- 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

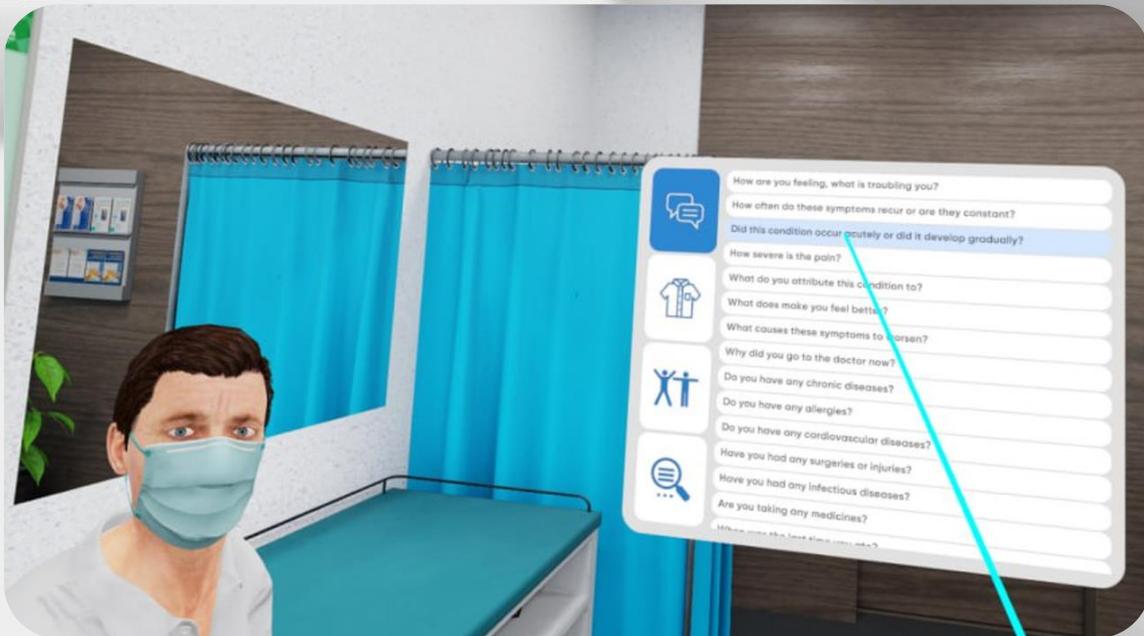
- Use controllers to operate inside the simulation
- Teleport to the sink to do hygiene
- Click on the "Invite a patient" button to start



# Outpatient appointment

## Dialog

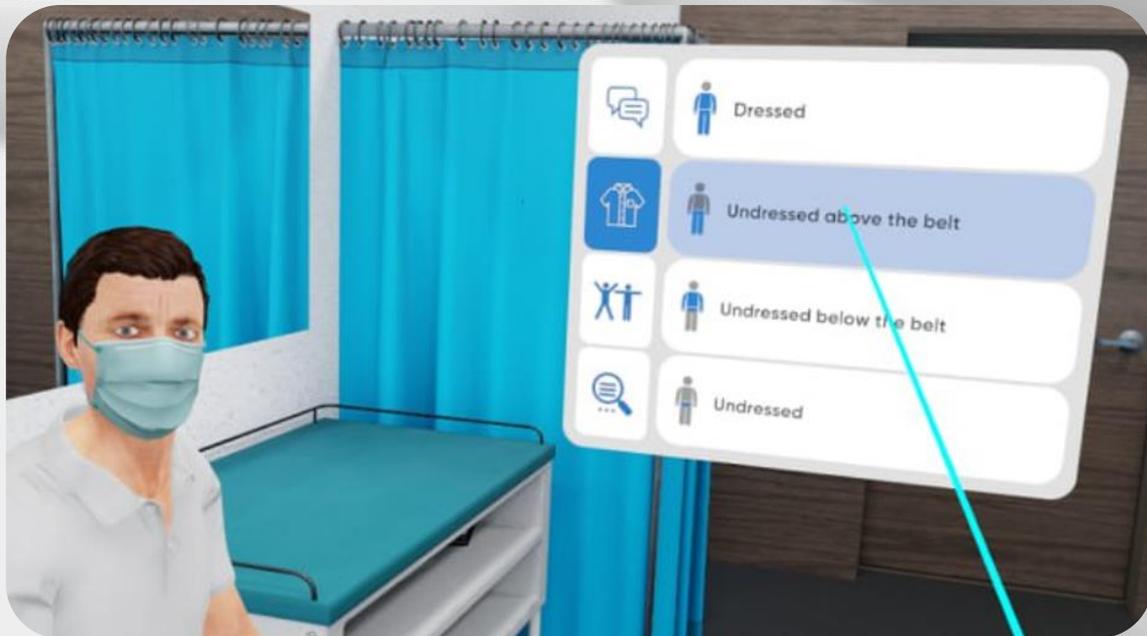
- Select questions to collect information
- Save responses in certain categories: complaints, anamnesis of disease, anamnesis of life, epidemical anamnesis
- You can skip the response if needed



# 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

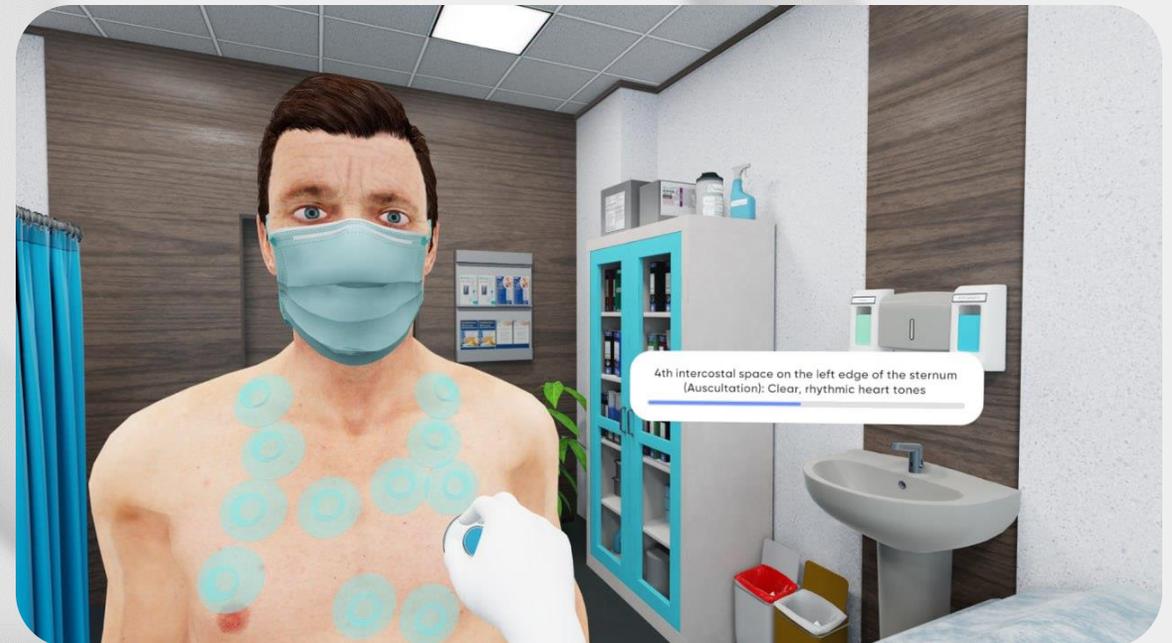
- Undress the patient
- Choose appropriate body position
- Teleport closer to patient to start examination



# 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

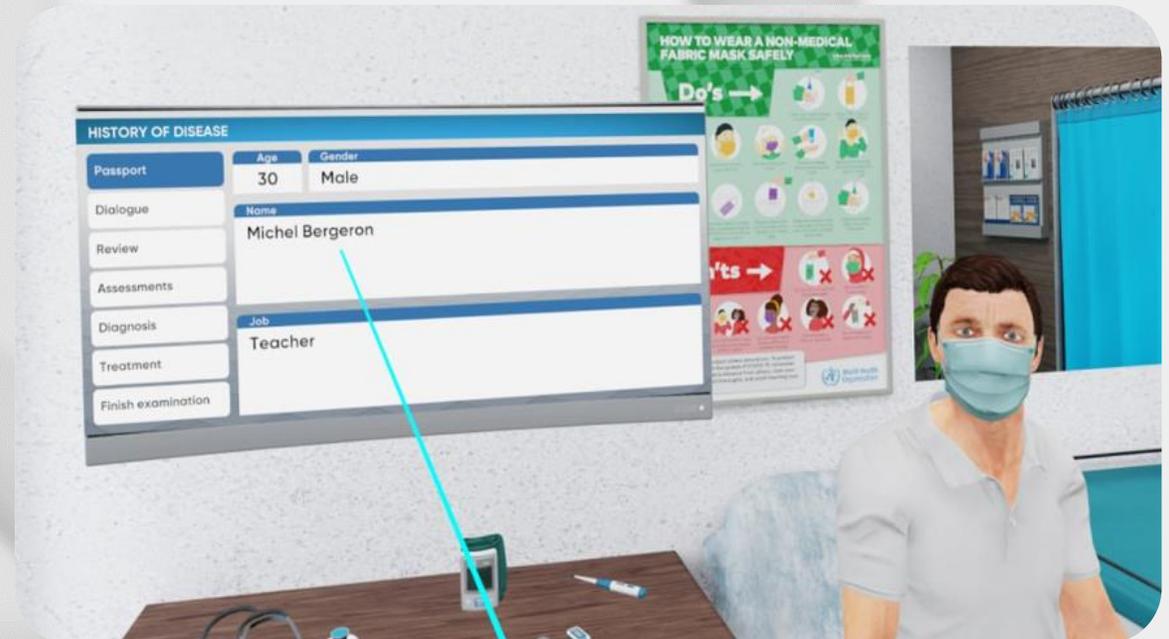
- Use medical tools only in the sitting position
  - Take the tool using the trigger
- Hold the tool in hand and bring it to appropriate area of the body



# Clinical data analysis

## History of disease

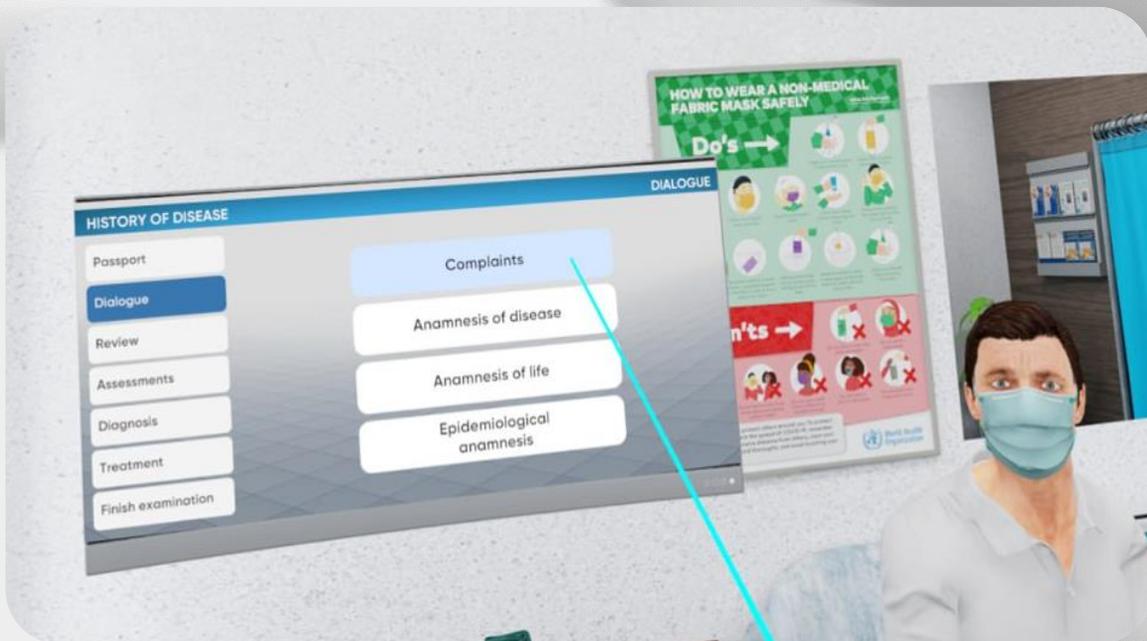
- Use History of Disease window on the left side to work with data
- History of disease stores results of every examination that was held
  - Passport contains basic information about the patient



# Clinical data analysis

## History of disease. Dialog

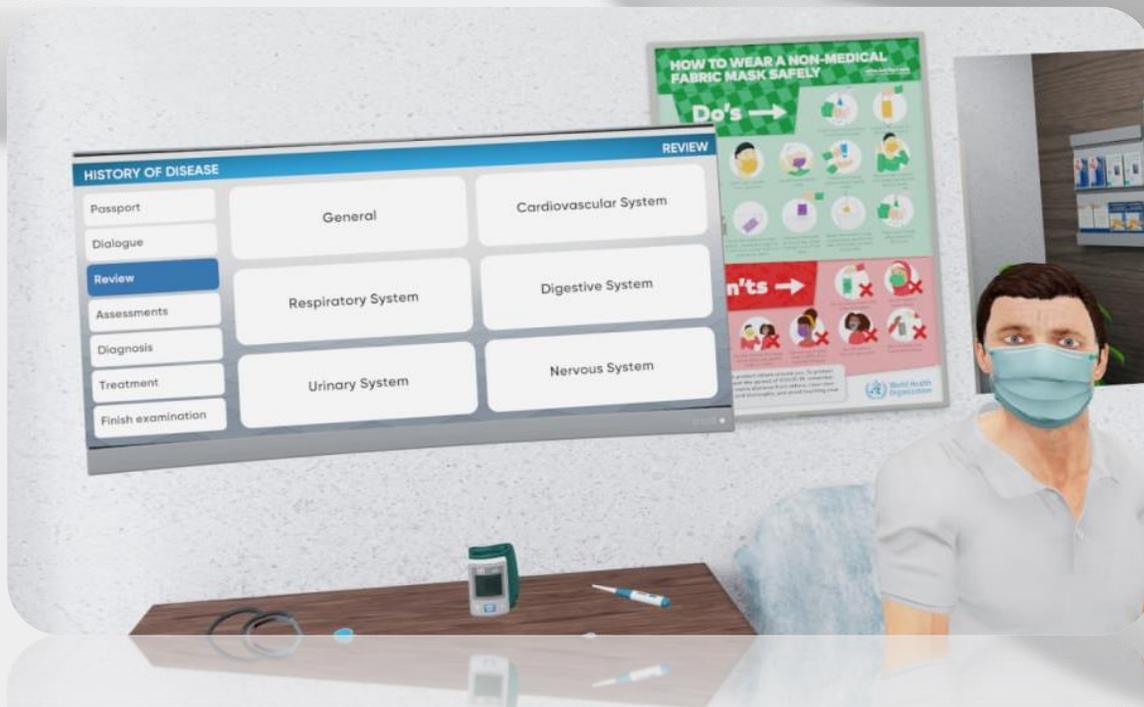
- Contains every verbal response of the patient
- Responses are stored in certain categories
- If there's not enough verbal data, you are able to ask more questions



# 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

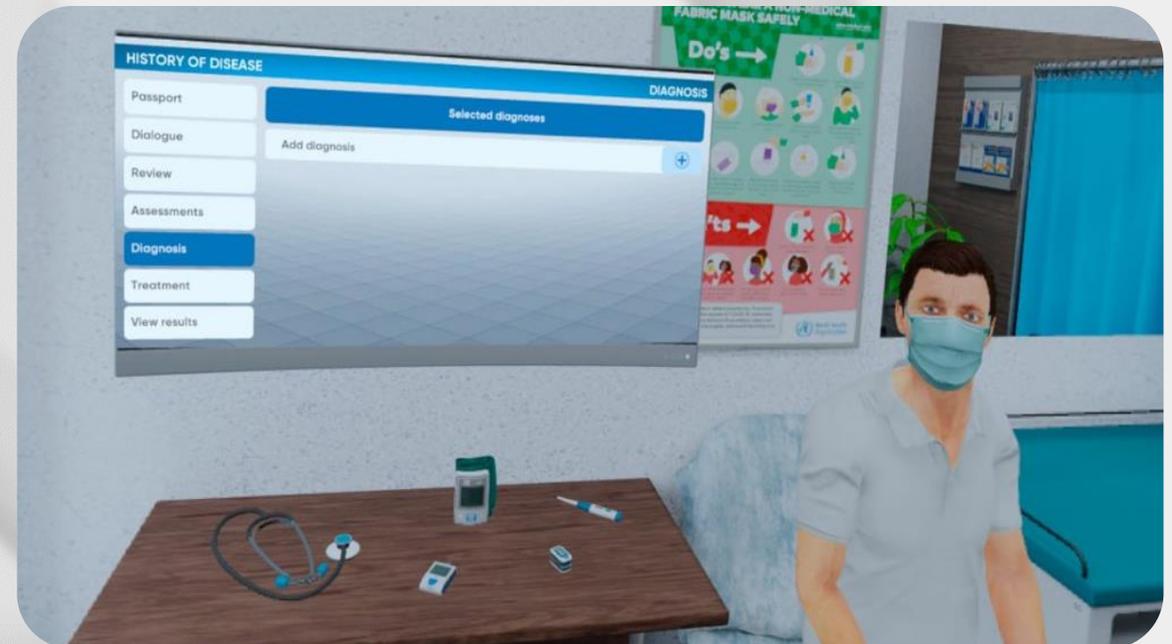
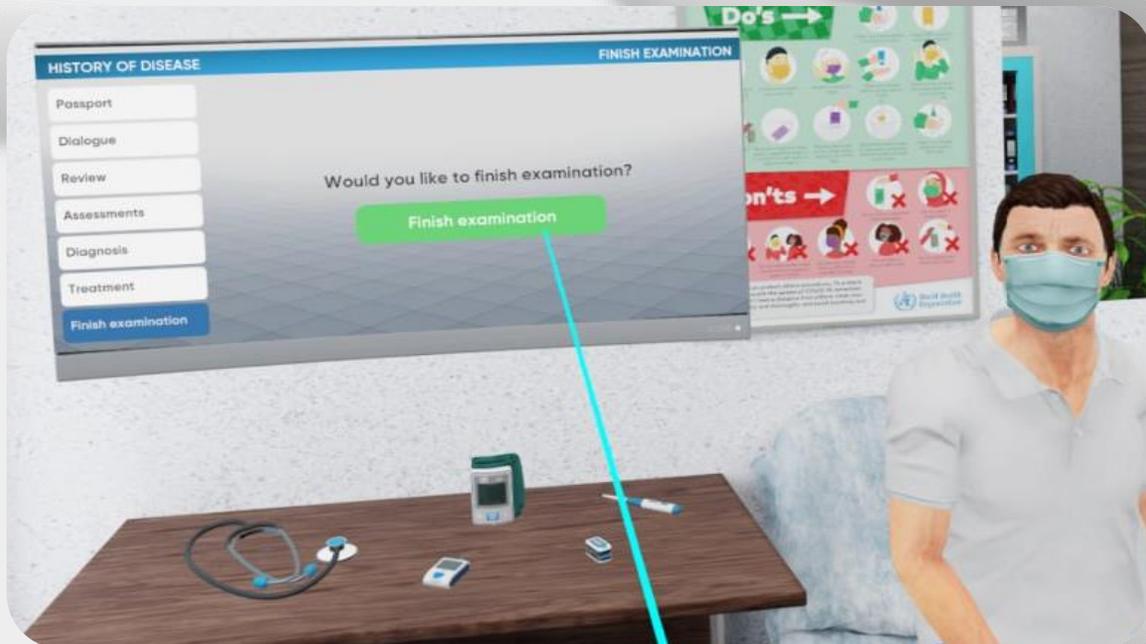
- Contains data from additional examinations
- Conclusion is provided with pictures and tables.
- If there's not enough data, you are able to perform more assessments



# 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

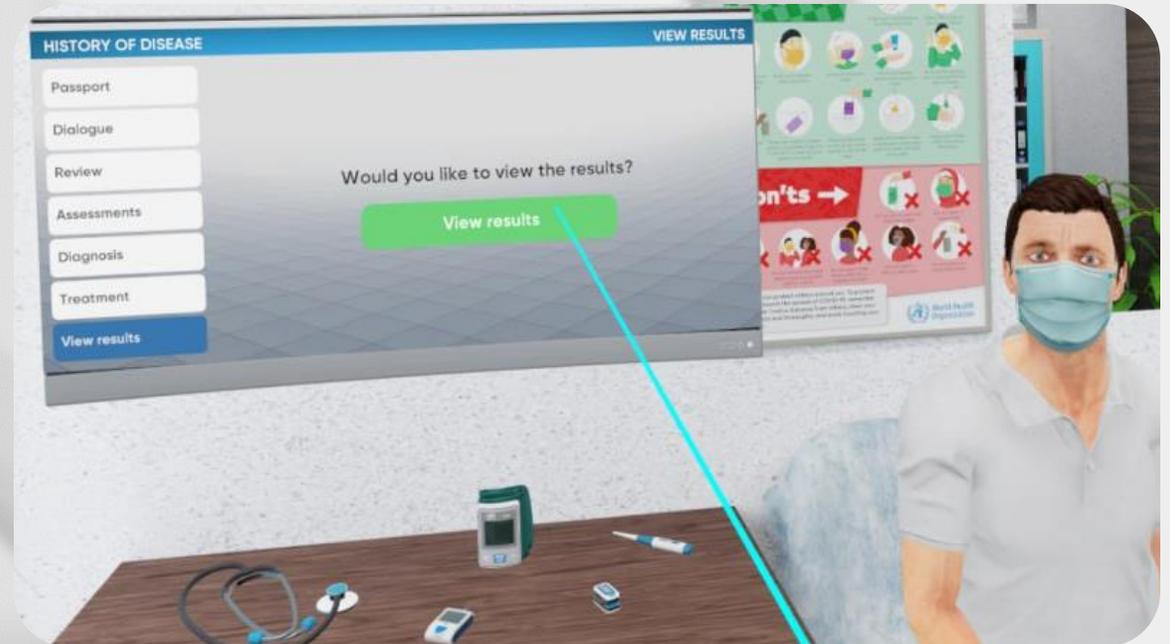
- Diagnosis catalog has 4 levels with different groups indicated by an alphanumeric code
- Choose the suitable group and specify the diagnosis step by step up to the last level
  - Press “select” to choose the suitable variant on the final level



# Clinical data analysis

History of disease. Treatment

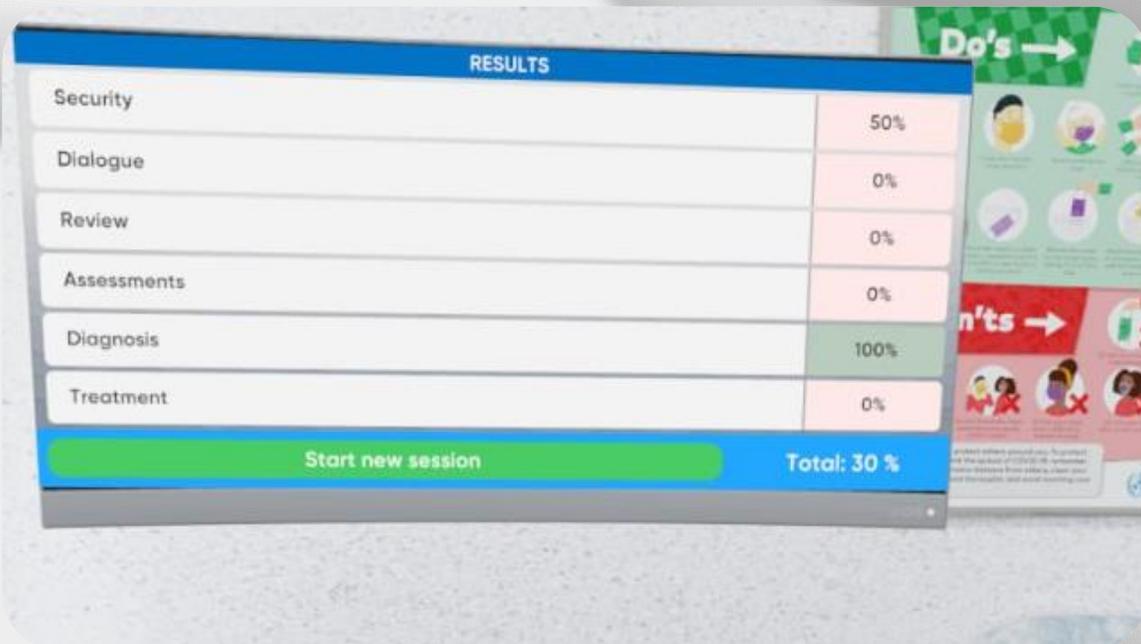
- Choose the appropriate treatment for the patient
- Medications, Hospitalization and Diet options are available
- Click on “View results” to finish the simulation



# Evaluation

## Results

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

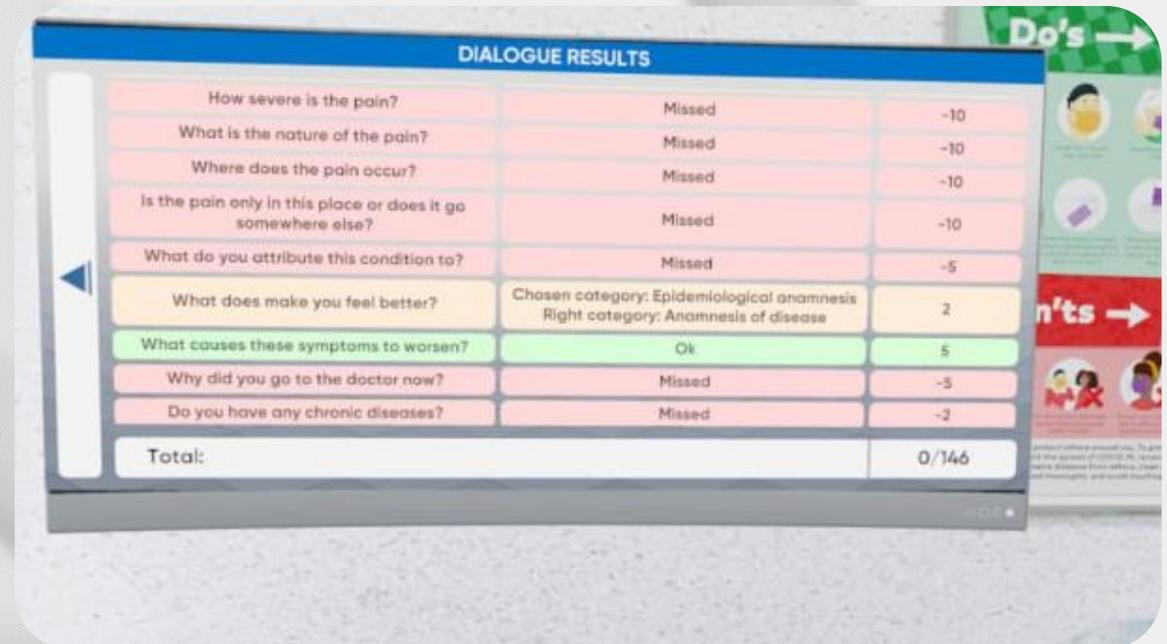


The screenshot shows a 'RESULTS' table with a blue header. The table lists six categories with their respective completion percentages. A green button labeled 'Start new session' and a blue bar showing 'Total: 30 %' are at the bottom. The background features a 'Do's' sign with icons of a person, a pill, and a stethoscope.

RESULTS	
Security	50%
Dialogue	0%
Review	0%
Assessments	0%
Diagnosis	100%
Treatment	0%

Start new session

Total: 30 %



The screenshot shows a 'DIALOGUE RESULTS' table with a blue header. It lists ten dialogue questions with their status (Missed, Chosen category, or Ok) and scores. A 'Total' row at the bottom shows '0/146'. The background features a 'Do's' sign with icons of a person, a pill, and a stethoscope.

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  
[service@mvredtech.com](mailto:service@mvredtech.com)

*Nasco*  
HEALTHCARE