Running Medical VR Experiences

SimLab Medical VR Experiences are designed to be versatile and can be run on multiple platforms, including **desktop computers**, **PC VR headsets**, **standalone VR headsets**, and **mobile devices**. To get started, simply install the free SimLab VR Viewer on the platform of your choice.

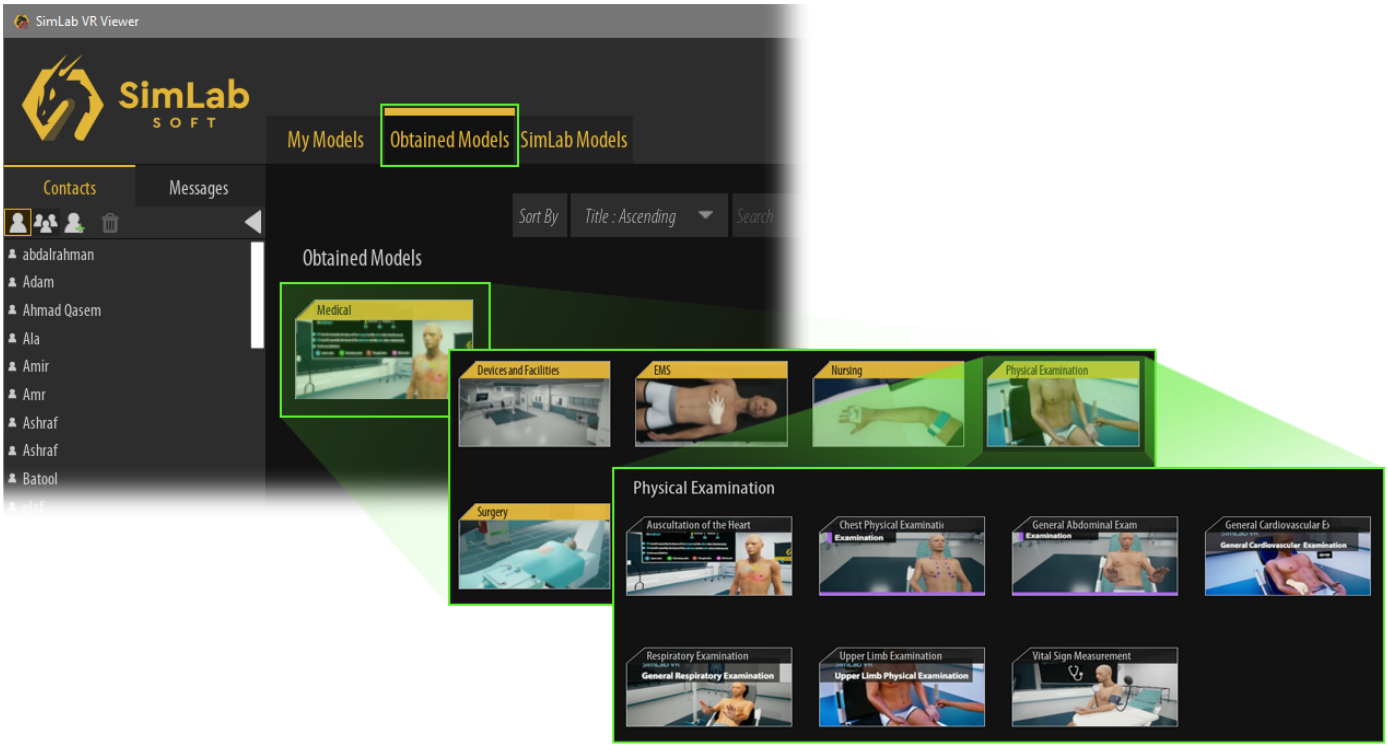
SimLab VR Viewer

The SimLab VR Viewer is a free-to-use application available on multiple platforms and devices. It enables users to run, share, and even join multi-user VR sessions with ease. Whether you're on a desktop, VR headset, or mobile device, the SimLab VR Viewer provides a seamless experience, allowing you to fully engage with our medical VR content.

Desktop Mode

SimLab VR Viewer is designed to run smoothly on both PC and Mac, ensuring broad accessibility and flexibility for various users. This cross-platform compatibility guarantees that you can fully experience the immersive VR content, regardless of the operating system.

- Click here to download SimLab VR Viewer and then install it on your Desktop computer.
- Once you have installed SimLab VR Viewer, click on the **Sign in** button in the top-right corner and enter the username and password SimLab Soft has provided you with.
- After logging in, go to the **Obtained Models** tab to find the VR Experiences you have been granted access to.



- Now select the VR Experience and from the panel to the right, click on **Desktop**.



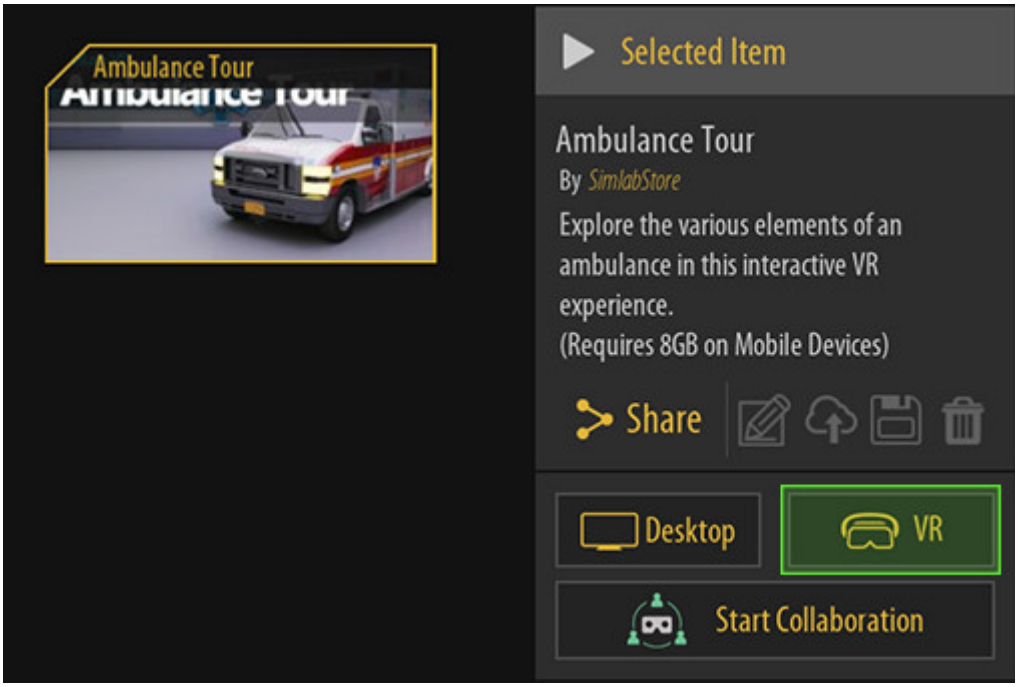
PC-VR mode

PC-VR mode allows you to run the VR Experience on a VR headset connected to a PC through the SimLab VR Viewer software that is installed on the computer. This mode provides a fully immersive experience and achieves the highest quality of VR viewing possible. The quality and performance in PC-VR mode rely heavily on the specifications and capabilities of the connected computer rather than the VR headset itself. This means that with a powerful PC, you can enjoy enhanced graphics, smoother performance, and a more detailed and realistic VR environment, offering your clients an unparalleled virtual reality experience.

The supported VR devices when running this mode are: **HTC Vive, HTC Pro, VIVE XR Elite, Oculus Quest 2, Oculus Quest 3, Oculus Quest 3S, Oculus Quest Pro, Oculus Rift, Oculus Rift S, and All Windows Mixed Reality devices.**

To run the VR experience in PC-VR mode, similar to Desktop mode:

- Run SimLab VR Viewer on your Desktop computer
- Navigate towards the VR Experience you wish to run and then select it
- From the panel to the right, select **VR**.



Standalone VR Devices

SimLab VR Viewer is also compatible with standalone VR devices, offering an alternative solution that eliminates the need for a computer during presentations. This flexibility not only streamlines the setup process but also enhances mobility, allowing you to run the VR Experience in various environments without being tethered to a computer. With standalone VR devices, you can effortlessly transport and showcase immersive VR content to clients, ensuring a seamless and engaging presentation experience.

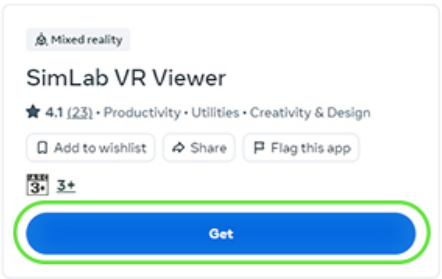
The supported standalone devices are : **Pico Neo 3, Pico G3, Pico 4, Pico 4 Pro, Oculus Quest 2, Oculus Quest 3, Oculus Quest 3S, Oculus Pro**.

To run VR Experiences on standalone devices, you need to first install SimLab VR Viewer on the devices, following this, we will delve into the specifics of installing SimLab VR Viewer on various standalone devices, providing detailed instructions tailored to each type of device.

Installing and using VR Viewer on Oculus Quest

To install SimLab VR Viewer on an Oculus device Click here to go to Meta store and sign in to your Meta account, then click "**Get**".





Once you have added VR Viewer to your Meta account, you will find the application on your Quest device and can install it and run it.

In SimLab VR Viewer, Sign in using the username and password SimLab Soft has provided you with or you can pair the device with the desktop version of SimLab VR Viewer. (Click here to learn more about pairing).

From this point on, the process is similar to desktop mode where you go to the **"Obtained Models"** tab and then select the catalog to view its content, and then selecting the desired VR Experience and pressing the **VR Button**.

Hand Tracking on Oculus Quest

If you are planning on using the controllers with Oculus Quest in standalone mode, the controls are identical to the PC-Mode controls we mentioned earlier, and to learn more about the controls, Run the **1st VR Tutorial** Experience that you can find in the **"SimLab Models"** Tab.

If you want to utilize Hand Gestures then place the controllers somewhere to keep them stationary and position your hands within the Oculus Quest field of vision and it will automatically switch to Hand Tracking and enable Hand gestures, alternatively you can double tap the controllers to each other to switch to the Hand Tracking mode.

you can watch the following Video to learn more about utilizing Hand Tracking within a VR Experience.

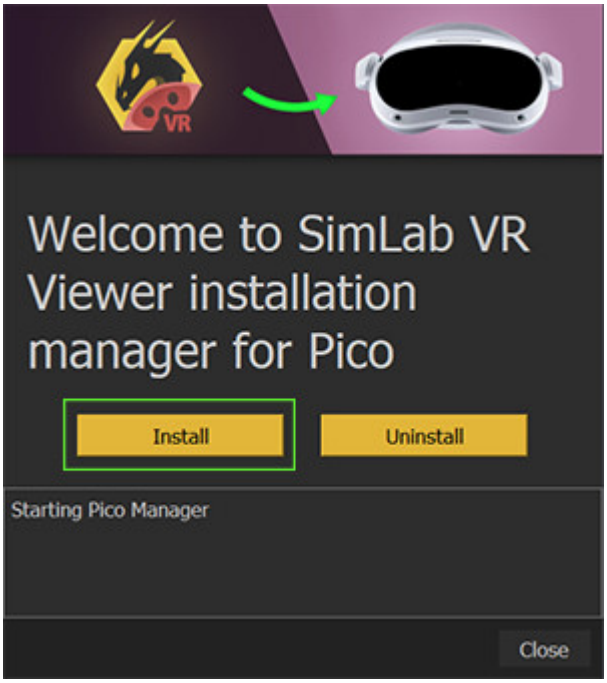
https://www.youtube.com/embed/FtnFEedv1i0

Installing and using VR Viewer on Pico

To Install SimLab VR Viewer on Pico 3 and 4, Click here and click on "**Get**" then select your operating system to download the SimLab Pico Manager.



Once the download is complete, install SimLab Pico Manager and run it. Ensure that your Pico device is connected to your computer via a USB port, then click "Install" from the Manager.



Upon successfully installing VR Viewer on your Pico device, run it, and similar to the previously mentioned platforms, sign in with the username or password SimLab soft has provided you with, and then go to the **"Obtained Models"** tab, and select the available catalog, then the VR Experience you want to run and press the **VR Button.**

Next : Learn how to navigate and interact with the VR Experience

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