VentCore

Hello dear tester!

We are the students who developed this app. We are happy that you would like to test and explore our app. For that we have a few tasks for you, to help you find your way around the app quickly.

These will guide you through all the basic functions of the app. Based on your review, we can find out where there is room for improvement, what already works well and what is still missing. Of course, you can also suggest ideas or changes, which would help us a lot. But for now, we hope you have fun exploring!

3-in-1-Device

VentCore

Your patient has been connected to the device.

1. Choose a patient preset and lower the height and increase the weight.

2. Change the alarm limits of the heart frequency. Decrease the upper boundary by +15 and the lower boundary -5 lower.

Your patients status is getting worse. He needs the Ventilator now.

3. Change the ventilaton settings. Go to the Ventilation, change the ventilation mode and increase the breathing frequency by +2. Increase the PEEP by +5.

4. You are interested in the last NIBP measurements. Change back to Monitoring and add the NIBP-History to the screen.

5. You want to set several alarm limits at the same time. Go to the menu and change multiple parameter limits.

6. Since it distracts you, disable the NIBP History Graph.

Your patient suffers a circulatory arrest. Your team is starting the reanimation.

7. Switch into defibrillation mode.

8. Prepare shocking with 200 Joule and perform it.

Your patient has been reanimated successfully. You are on the way back to the ambulance car. The light in the stairwell is broken and it is dark.

9. Change the app theme into light mode to provide light.

Congratulations. You have explored all of the important functions of the demo version.

For the M-Lab project we have implemented another feature: the patient scenarios. These are not filled with accurate data and are only meant to give a feeling of a real scenario.

In these scenarios, the values of the parameters change more drastically. Several alarms occur at the same time, and it is also necessary to switch between modes more often.

From here on, we don't have any real tasks for you, because here you should feel like you're in the real thing. We hope we could prepare you well.

You can do everything you want: adjust borders, add and remove graphs, change modes and set settings. Even crashing the app is allowed. Don't worry, you can't break anything. If that should happen, remember how you did it. We are very interested in this!

With that, we say goodbye and hope you have fun exploring the app on your own. Thank you for trying our demo.

We have one last task for you: Start the first patient scenario via the menu.