

Corbotics BBE Data Collection

Information for test subjects

What is a Corbotics BBE data collection session?

During the session, the test subject will lie on the BedbasedEcho (BBE) in prone and side positions. A trained sonographer will position the ultrasound probe at a starting position using remote control. When the acquired view is sufficient, the BBE robot will automatically start moving across the torso, in order to gather data. The session will take approximately 90 minutes, and will be divided by multiple short optional breaks.

Is the robot safe?

Corbotics has thoroughly tested the data collection procedure. Furthermore, multiple safety features such as an accessible emergency stop button and touch protection are in place. It is not physically possible to get stuck between the robot and the bed, as the robot navigates the chest from below through a hole in the bed. Feel free to ask our employees about the



safety of the BBE before or during the exam.

Furthermore, a hygienic experience will be guaranteed. The probe and bed are thoroughly disinfected after every test subject.



Will my sonographer be male/female?

At the moment, we only provide male sonographers from the OLVG hospital. At OLVG, they examine male and female patients every day.

Why does Corbotics want to collect my data?

The end goal for Corbotics is to autonomously perform a limited standard ultrasound heart exam using artificial intelligence. To this end, we require images to train the robot to recognise the correct images. We predict that the artificial intelligence will need millions of data points in order to perform these TTE exams with optimal efficiency and accuracy. Any personal data collected will never be used outside of Corbotics.

What data does Corbotics store?

Required: ultrasound images, ECG data, height, weight
Preferred: name, sex, bra size (if applicable)

Does Corbotics diagnose heart disease?

No. Nor are we legally allowed to. Our sonographers are not cardiologists, and will not provide any medical conclusions. We solely wish to collect data.

Where does the session take place?

At our office in the collective company building of YES!DELFT.

Adres: Molengraaffsingel 12, 2629 JD Delft.

Please sign in (around 15 minutes before start) at the reception, after which we will come to collect you.

Should no one be present at the reception, you can call our colleague Stefan Bonhof at +31 6 4256 1218