

CaRE: Quick Start Guide

Welcome to the quick start guide for the Cardiovascular and Respiratory Examination Trainer (CaRE) this guide will help you quickly navigate sections of the trainer you will need to use.

- 1. Cardiac Skills/Respiratory Skills Play individual cardiovascular/respiratory palpation and auscultation pathologies.
- 2. Clinical Cases To practice the diagnosis of different clinical presentations.

3. Assessment Mode

- a. Creating Assessments Create your own unique patient profile based of a Clinical case that can be used for assessments.
- b. Playing Assessments Allows users to diagnose an unknown patient's profile and compare findings.
- 4. **Lesson Playlists** How assessors/teachers create lesson playlists.
 - a. Creating Lessons Create custom lesson playlist.
 - b. Playing Lessons Allows users to play through custom lessons playlists.

5. **System**

- a. Admin password Changing the standard admin password
- b. Updates Update the model with the latest software.

1 Cardiac Skills/Respiratory Skills

The skills section is where users can run through a variety of individual pathologies covering cardiovascular palpitation and auscultation, respiratory palpation, auscultation, and mouth sounds.

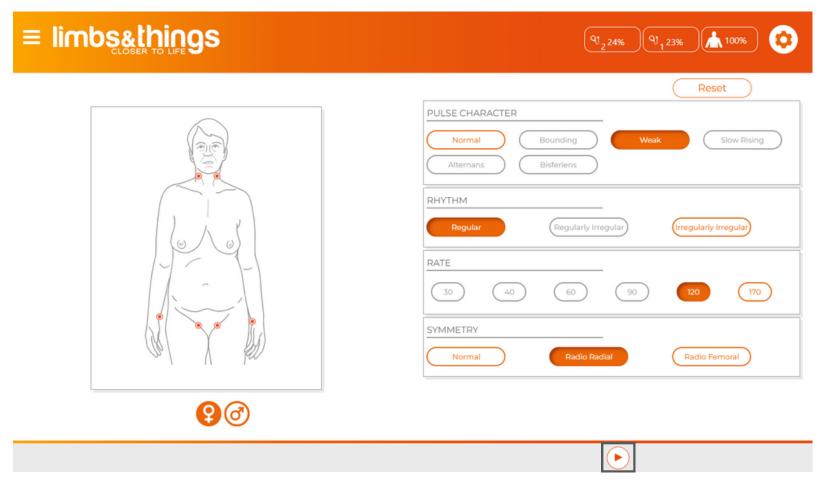
To play a pathology on the trainer, follow these steps:

1.1 Click the menu icon in the top left corner. This will open the menu, you can then select any of the skills. For example 'pulses'.



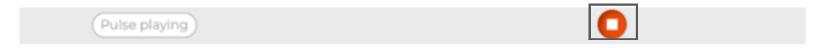
1.2 You will be able to choose from various pathology characteristics. The image below shows a weak, regular pulse, 120 beat rate and radio radial symmetry has been selected. In some cases, you will only have one characteristic to choose from. You can also select the gender of your simulated patient.

Note: If any options are greyed out, it means that they are unavailable to select with other characteristics you've already selected

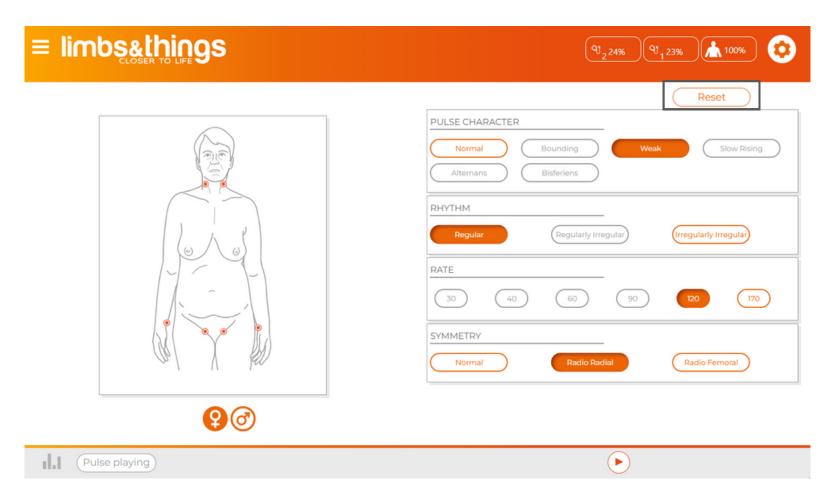


1.3 When you have clicked and selected your characteristics, click the play button to begin playing this pathology on the CaRE simulator.

1.4 When you're finished or would like to play a new pathology, you MUST first stop/pause the pathology you're already playing. The first pathology will continue to play until it is stopped/paused.



1.5 If you'd like to choose new characteristics for the pathology, click reset and select them again. If you'd like to play a new pathology, go back to the menu in the first step of this process.



CaRE: Quick Start Guide Clinical Cases

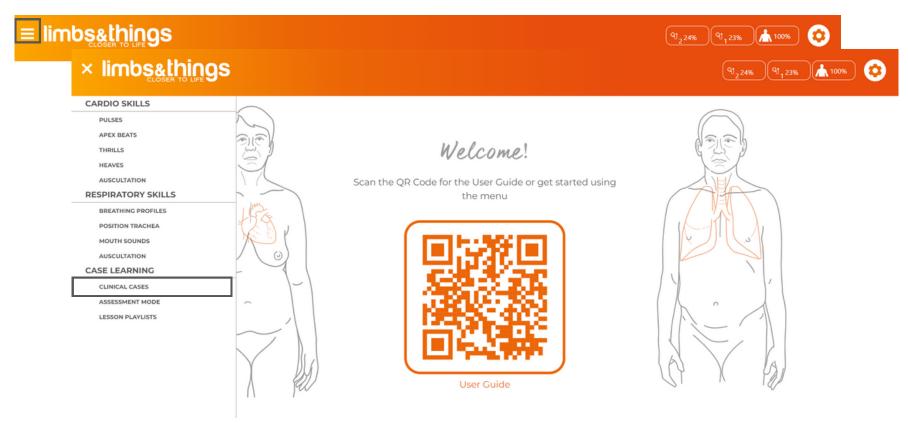
2 Clinical Cases

Clinical Cases are medical conditions made up of multiple different pathologies from the skills section. Here you can experience a lifelike scenario with a patient displaying a realistic condition.

These pre-set Clinical Cases allow students to practice their diagnosis skills.

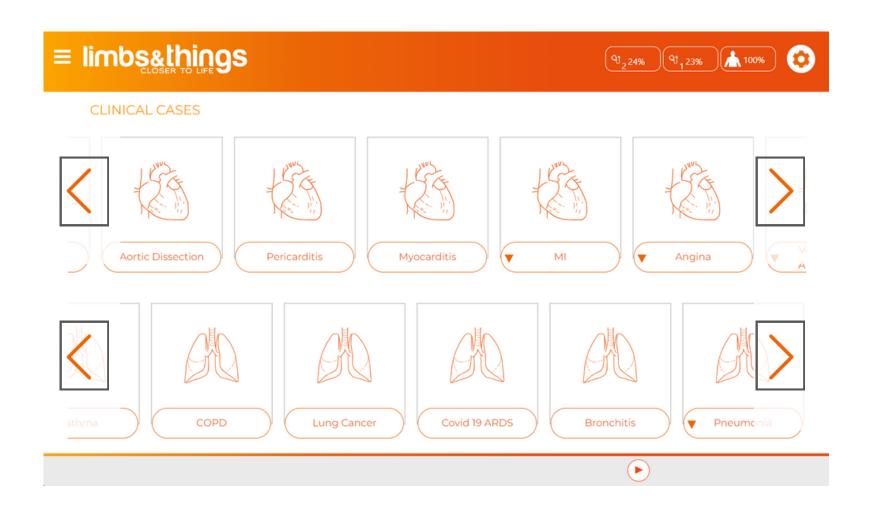
To play a case on the trainer, follow these steps:

2.1 Click the menu icon in the top left corner. This will open the menu, you can then select 'clinical cases'.



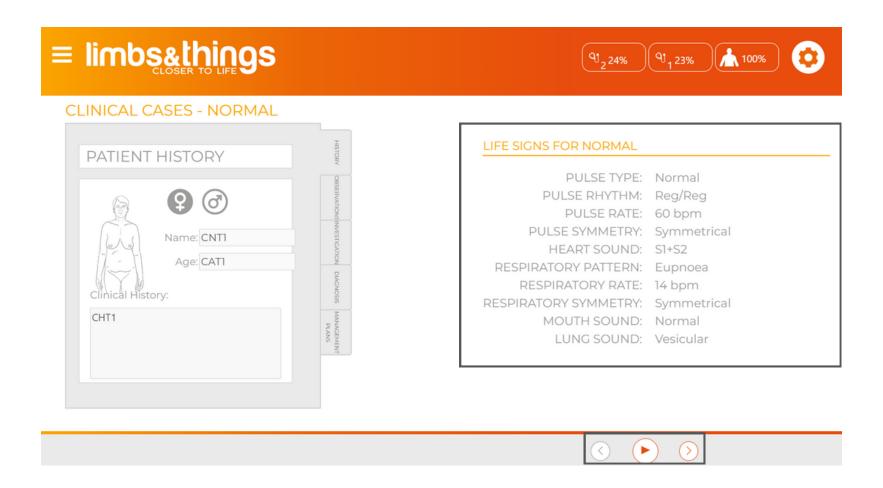
CaRE: Quick Start Guide Clinical Cases

2.2 Use the right and left arrows to scroll through the different Clinical Cases. When you find the correct Clinical Case, click on this and you'll see a new page including life signs.



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2.3 Under the life signs heading you will see a list of the vitals that the simulator will play for the Clinical Case. Click the play button to start playing theses on the trainer.



2.4 **Reminder:** Like with the skills section, you must first pause/stop what the trainer is playing before you're able to play another Clinical case.

3 Assessment Mode

Assessment mode allows users to complete pre-set assessments based on the patient data of a clinical case. After an assessment has been complete the observations can be compared to that of the teachers/ assessors.

In this mode an assessor/ teacher can create a unique patient profile with case notes based off a Clinical case of your choice. This covers the patient's history, what the diagnosis is and what the management plan should be.

The patient profile will be saved as an assessment to the Assessment Mode section where a student can be tested to see if their diagnosis and management plan matches the assessors. Only the patient file section will be visible to the student when carrying out the assessment.

To create an assessment follow these steps (admin only):

3.1 Select assessment mode in the burger menu.



3.2 Select the plus sign. You will be prompted to enter your admin password, enter the password, and click submit; you can now create your new assessment. (Use the 'Assessment based on' drop down to select a Clinical Cases to base your assessment off).

3.3 Click through the right-hand tabs filling out the free text boxes in the patient History (including name, age, and gender), Observations, Investigations, Diagnosis and Management plan, as if you were diagnosing the patient and suggesting treatment. (The ticks will turn orange once a tab has been filled out).



3.4 When you have filled out the patient profile, click Save, you will then be prompted to confirm the save and this will be added to the Assessment Mode section, ready for a student to be tested. Make sure that you give the patient a name too.

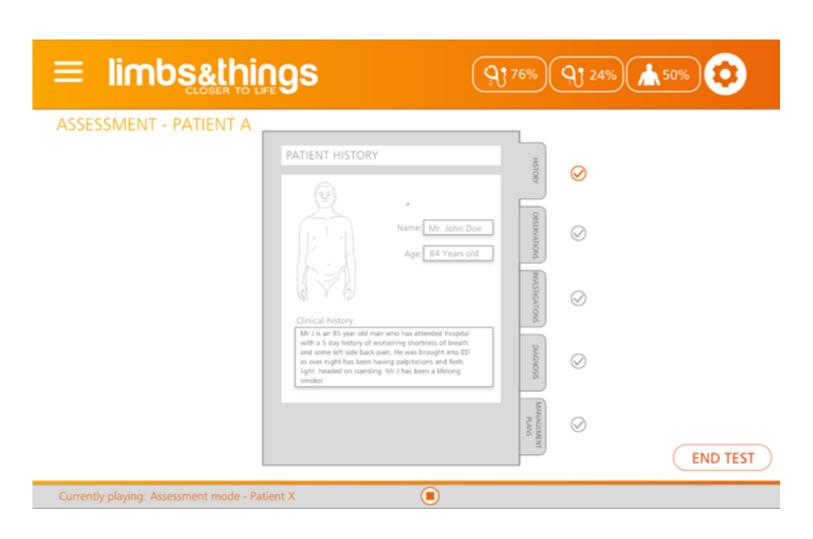
To start an assessment, follow these steps:

3.5 To start an assessment, you need to click one of the patient profiles and then click start.

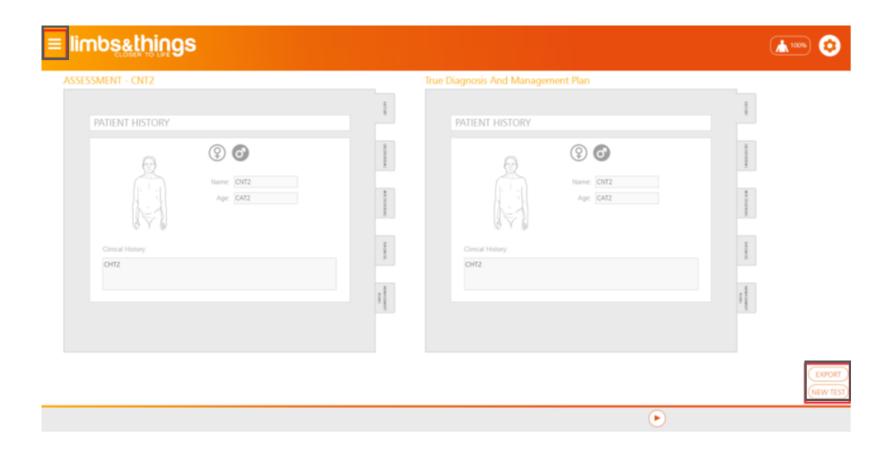


3.6 Press the play button to start playing the case, the student can then carry out an examination on the CaRE simulator to make an assessment.

3.7 Once the student has examined the simulator, they can go through the patient folder completing each blank text box. Observations will start highlighted but the box needs to be clicked to start filling in this section. Move through each section filling in the relevant information.



3.8 When done, click the end test button and you'll be presented with the student's assessments notes alongside the true diagnosis and management plan from the assessor.



3.9 You can then either export the notes or start a new test in the bottom right or navigate away using the burger menu in the top left.

CaRE: Quick Start Guide Lesson Playlists

4 Lesson Playlists

As an assessor/teacher, you'll probably want to create lesson plan, ahead of time. Lesson plans can be made up of pathologies from the Skills Section, conditions from Clinical Cases and Assessments.

To add to your Lesson Playlists, follow these steps (Admin only):

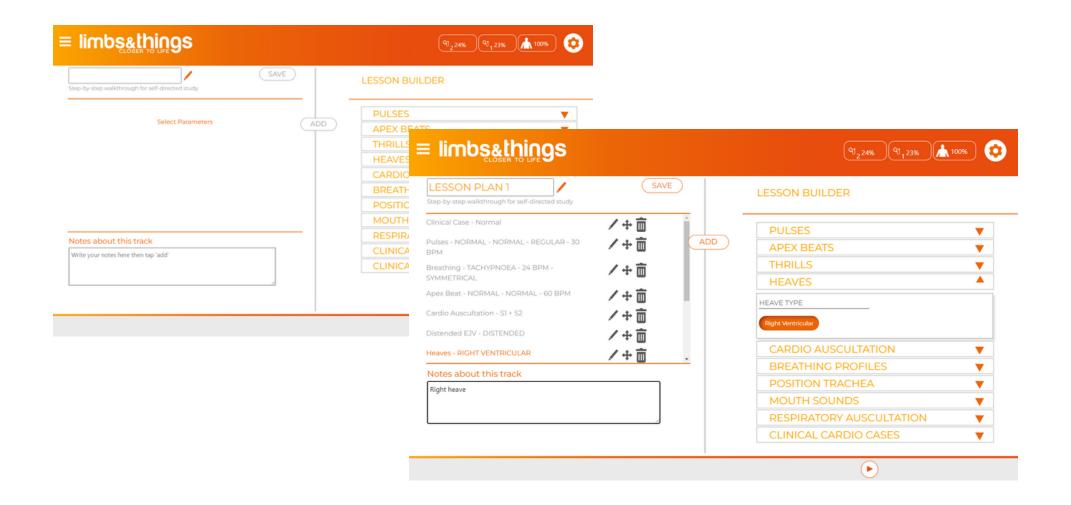
4.1 Select lesson playlist in the burger menu.



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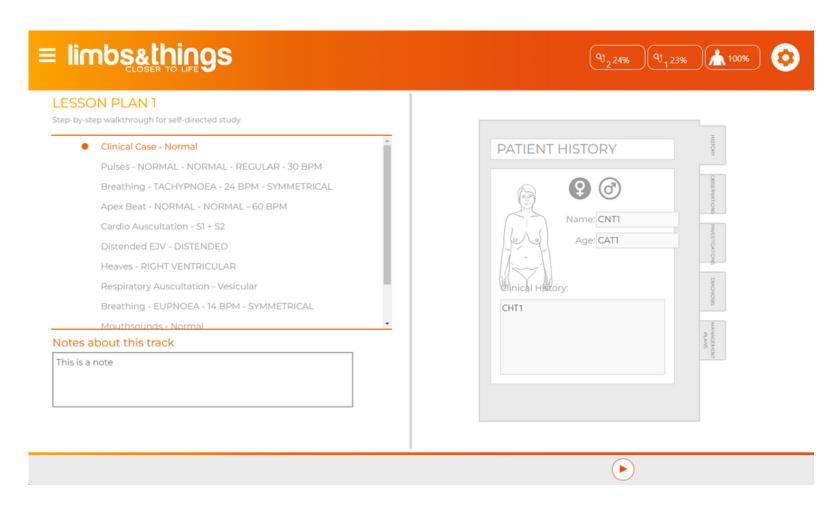
4.2 Select the plus sign. You will be prompted to enter your admin password, enter the password, and click submit; you can now create your new Lesson Playlist.

4.3 Give your playlist a name and then go to each of the parameters you want to add to the plan and click Add; you can add any of the skills and Clinical Cases.



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4.4 When complete, you can save your plan and it will appear on the Lesson Playlist home page. The playlist can be loaded by the student later on by selecting the chosen plan and clicking start. The student can then click anything listed in the lesson plan to quickly navigate to that section.



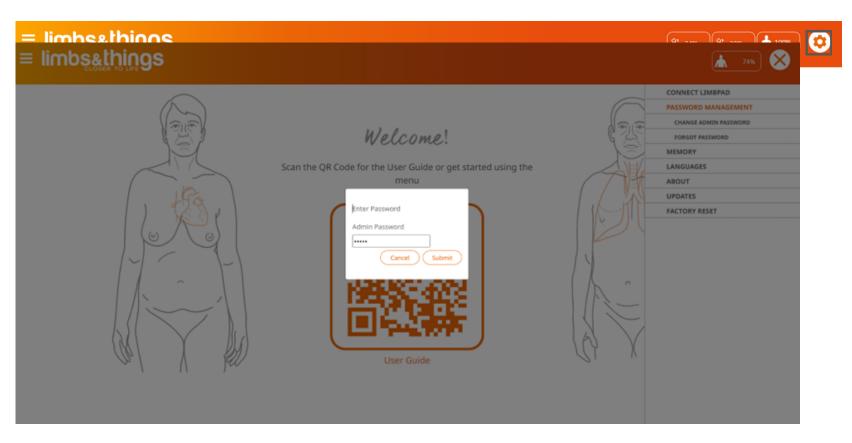
CaRE: Quick Start Guide Systems

5 Systems

As an assessor/teacher, you'll probably want to create lesson plan, ahead of time. Lesson plans can be made up of pathologies from the Skills Section, conditions from Clinical Cases and Assessments.

To Change Admin Password:

5.1 Select 'Password Management' in the settings menu, then select change admin password. Enter the admin password (N.B. default password is **admin**). Enter new password and confirm.



CaRE: Quick Start Guide Systems

To perform a software update (admin only):

4.2 To perform a software update, check the version of software current on the model by checking the about section on the settings menu. Check on the CaRE downloads section of the Limbs & Things website to see if this matches the latest software version available.

4.3 If the software is not the latest version download the file from the Limbs & Things website. Reconnect to the model, open updates in the settings menu. Select 'choose file' ands select the correct file. Now press update and enter the admin password. The trainer will being to update (the model cannot be used whilst updating). Once finished the model will reset and you will need to reconnect to the model again.

