

APPLICATION MANUAL FOR

heartisense[™] instructor

Android | ver. 2.1



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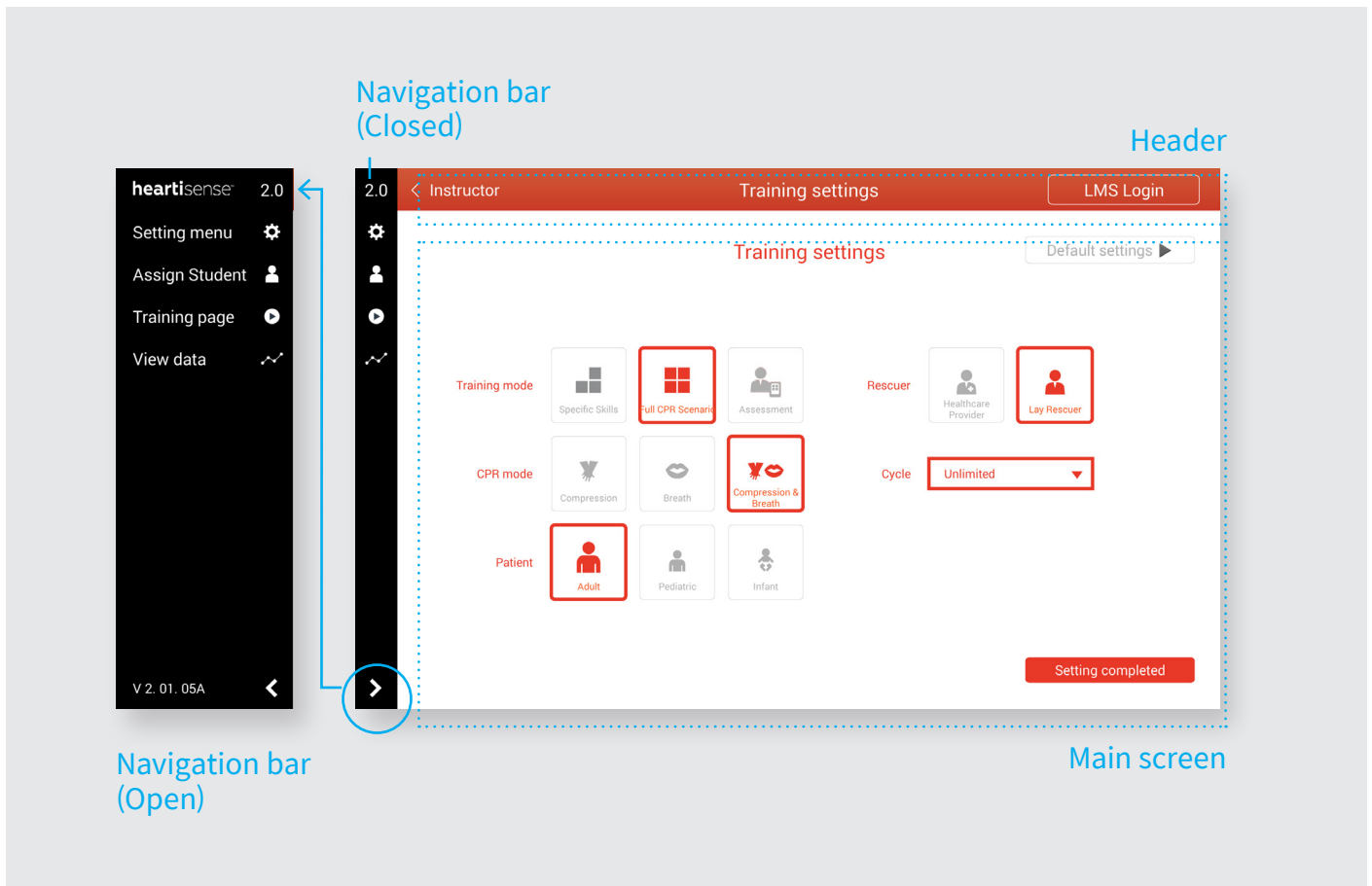
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0. General Information

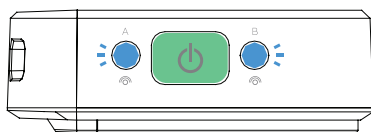
0.1. Application User Interface



0.2. Before You Begin

Before you start CPR training using **heartisense™**, please check the following:

- ✓ Install **heartisense™ kit** within your manikin, and turn on the kit.
- ✓ Connect **heartisense™ kit** to **instructor** app or **student** app(s).
Please refer to page 5 for the instructions on how to connect the **kit** with the **heartisense™** apps.
- ✓ Please scan the QR code below for the video instruction on how to install the **kit** within the manikin.
- ✓ The student information can be entered in advance in **LMS** (www.heartisense.com/lms) for your convenience.



Blinking blue lights mean that **heartisense™ kit** is ready to pair with the apps

⚠ Please make sure that LED A is blinking before you pair **heartisense™ kit** with **instructor** app,

⚠ Each **kit** can be paired with one **instructor** app and one **student** app at the same time. And **instructor** can be connected up to 6 different **heartisense™ kits**.

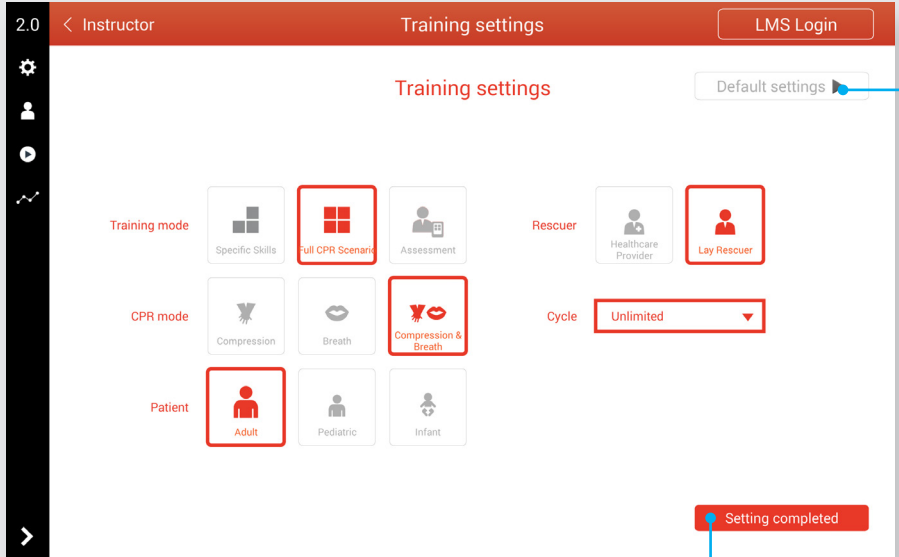
For installation video guide, check out the link below:

<https://goo.gl/B8D7QE>



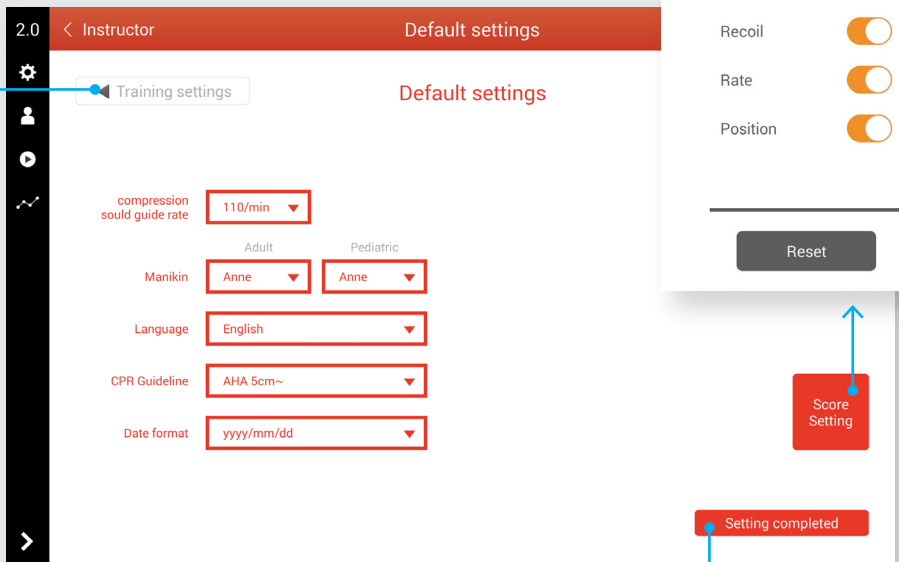
1. Settings

Training settings

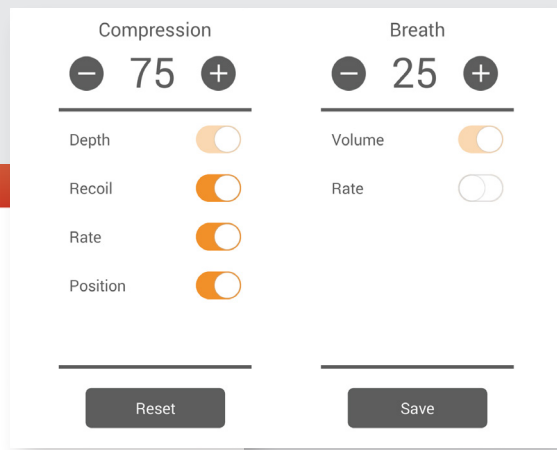


Save the settings and go to the next step (2. Instructor panel, p.5)

General settings



Save the settings and go to the next step (2. Instructor panel, p.5)



Score Setting

2. Instructor panel

2.1. Connecting kit

2.0 Instructor LMS Login

Kit ID: 63250
Charge Kit

Choose the ID number you wish to pair with

HS Instructor2.0
Select Kit
63250
58636
25396
Cancel

Start

Clicking on the Bluetooth logo sign when you already have ID number above will attempt to pair with the same kit.

Go to step 3.1 to assign students

Currently paired ID number

OR

Disconnect the pairing

Calibration needed

Waiting to start

2.2. Calibration

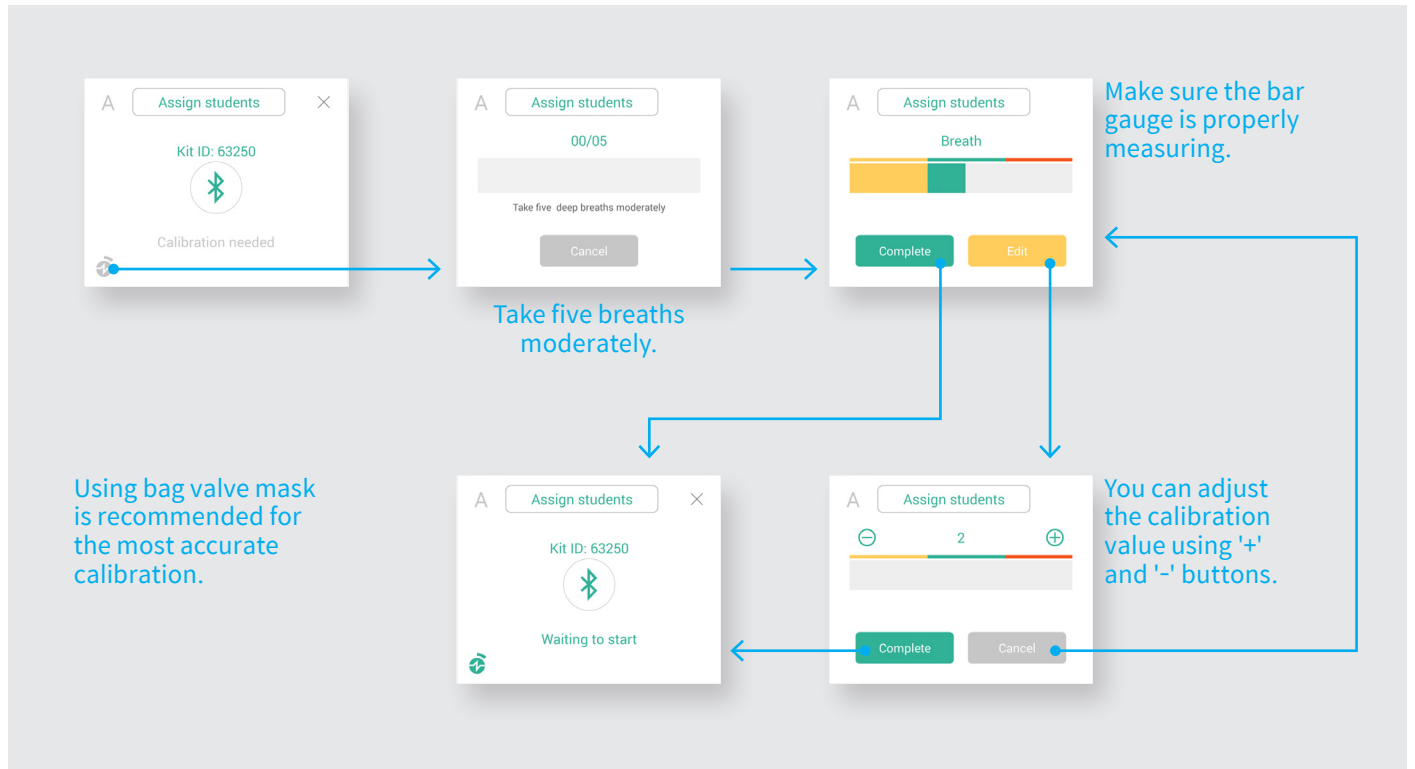
When the kit is connected to the app, either of the following screens will be shown.

Calibration needed → Go to the next page

Calibration completed

The kit's ID number is at the bottom of the control module

2.2. Calibration (continued)



2.3. Monitoring Screen

Initial setup

To assign students to each slot, click on 'Assign students' button or icon on the navigation bar

(3. Assigning students, page 9)

Start

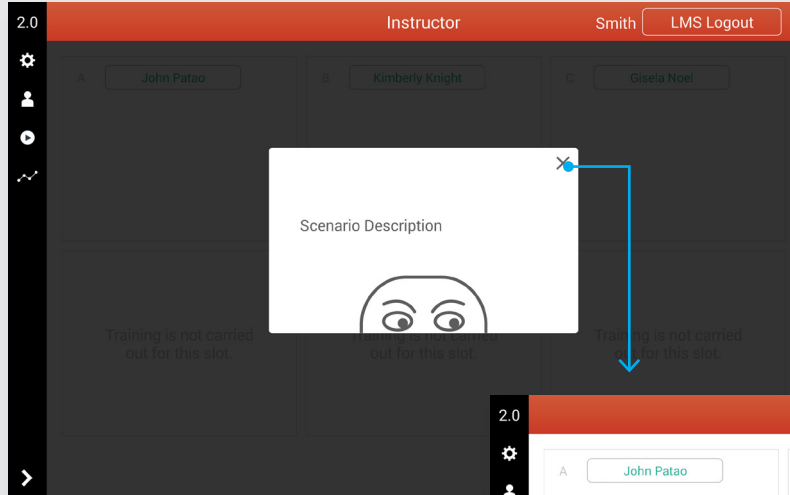
Training starts

- For 'Full CPR Scenario' mode, please refer to the page 7.
- For 'Specific skills' mode, please refer to the page 8.

2.3. Monitoring Screen (continued)

Full CPR scenario mode

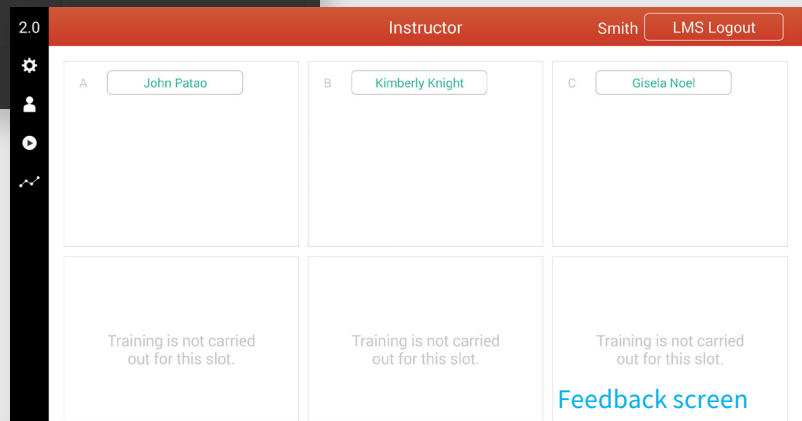
'Full CPR mode' walks through the entire process of CPR step by step along with the scenario



When the screen on the left is shown, scenario will be played on the connected student apps.

Please instruct the students to follow the instructions given from the students app.

Before the monitoring

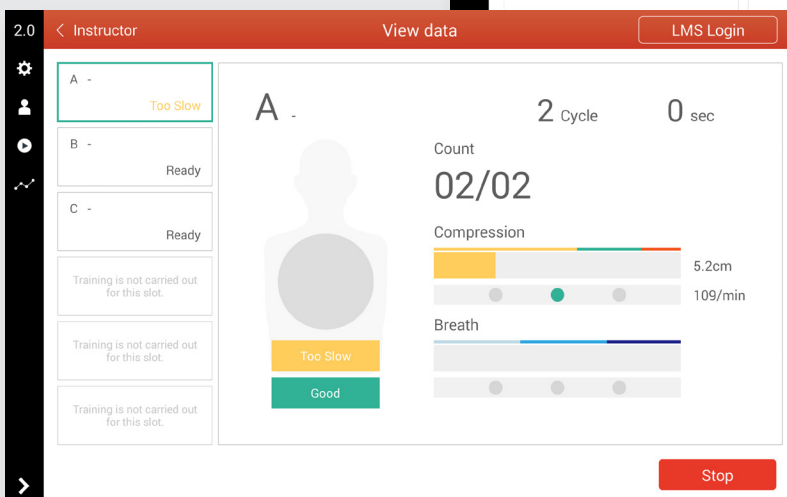
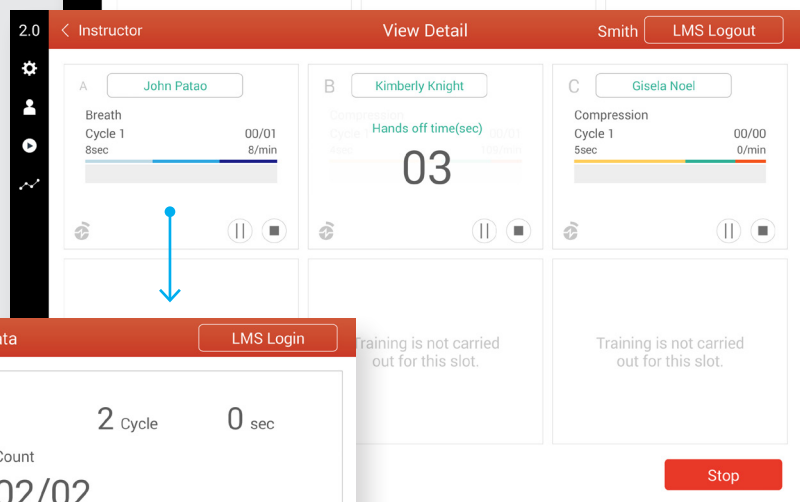


The measurements will be shown on the screen when students perform chest compression and deliver breath.

Each student slot is independent from one another. Each student can be in different steps of training simultaneously.

If you wish to stop the monitoring of all connected kits, push 'Stop' button at the right bottom corner.

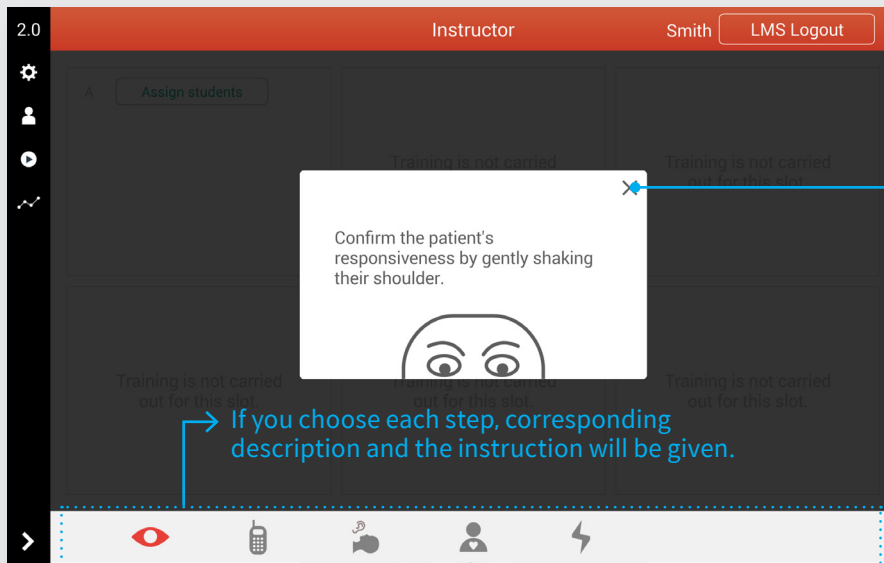
Feedback screen



The detailed feedback screen will appear if you touch a blank portion of each slot.

2.3. Monitoring Screen (continued)

Specific skill mode 'Specific skill' mode is to practice specific steps within entire CPR process.



If you close the pop-up, narration will end and specific step you wish to practice will begin right away.

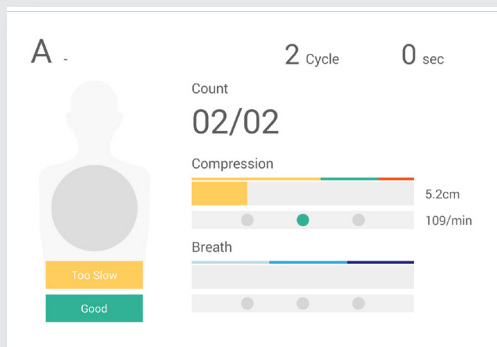
If you choose each step, corresponding description and the instruction will be given.

The instructor can control the training process using the icons at the bottom of the screen.

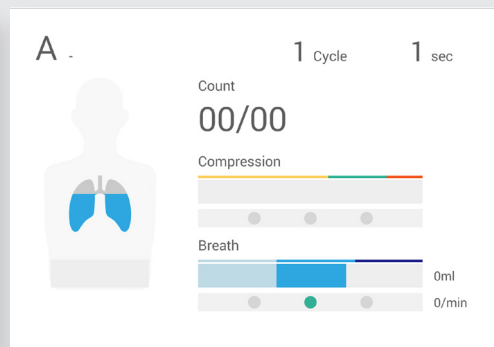
CPR feedback will only be given at this stage. The way to show feedback on the screen is the same as 'Full CPR Scenario' mode.

The student and instructor apps will be synchronized when the student pairs his phone/tablet PC with the kit when the Instructor app is already paired with the kit.

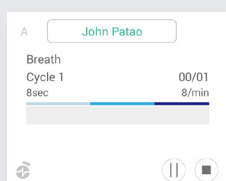
Feedback types



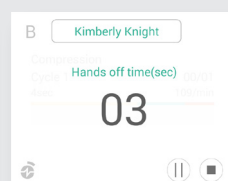
Chest compression detail screen



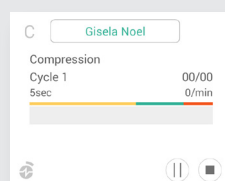
Ventilation detail screen



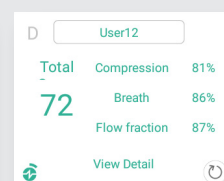
Simplified Ventilation Feedback in six slot screen



Simplified hands-off time feedback in six slot screen



Simplified chest compression feedback in six slot screen



Simplified summary in six slot screen

3. Assigning students

3.1. Adding Students

Adding students with app

Annotations for the app interface:

- Go to step 3.2, page 10 (points to LMS Login button)
- Enter student's name and the e-mail address (points to Name and Email fields)
- Student group will be shown in grey shading. (points to Default dropdown)
- Click on '+' button to finish adding the student and the list will be updated automatically. (points to '+' button)

Buttons at the bottom: Import, Complete

Through the LMS

If you already have LMS account and license, you can add a group or a student on web (heartisense.com/lms)

You can also import student lists by clicking on Import button (see step 3.3, page 10)

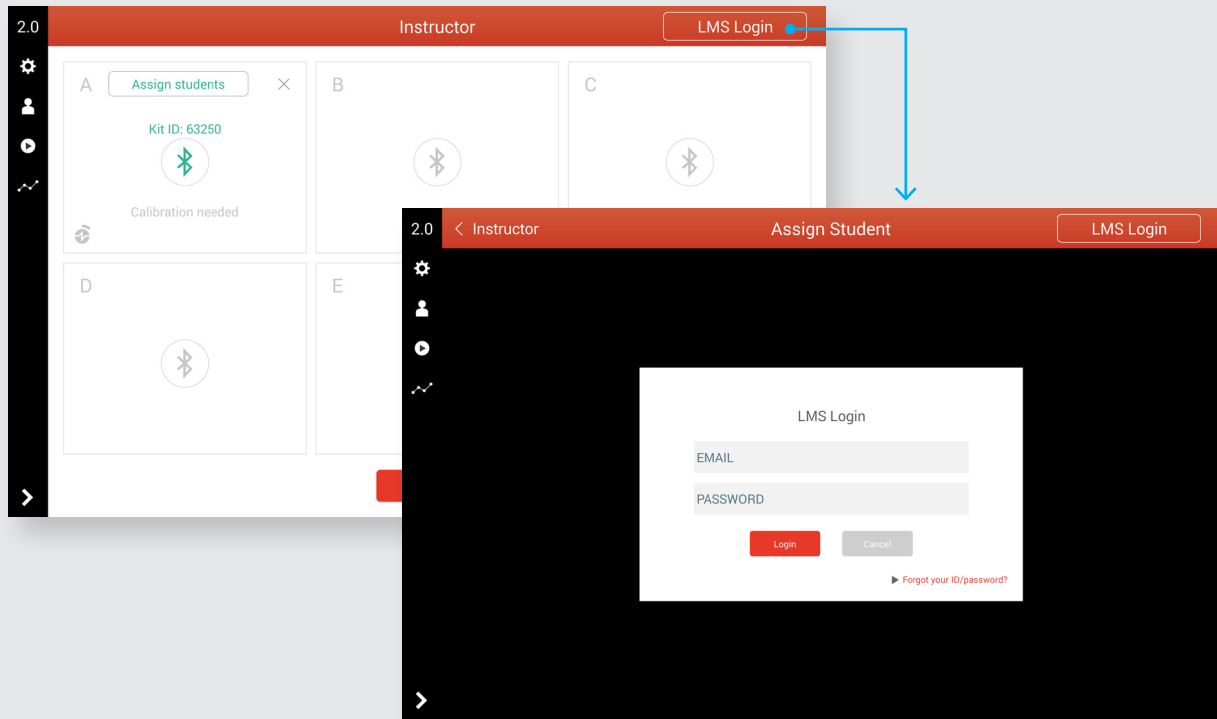
Annotations for the LMS interface:

- Student/ Group Information editing field (points to the 'Add Student' form)
- Group list (Select each group to edit.) (points to the 'Search group' table)

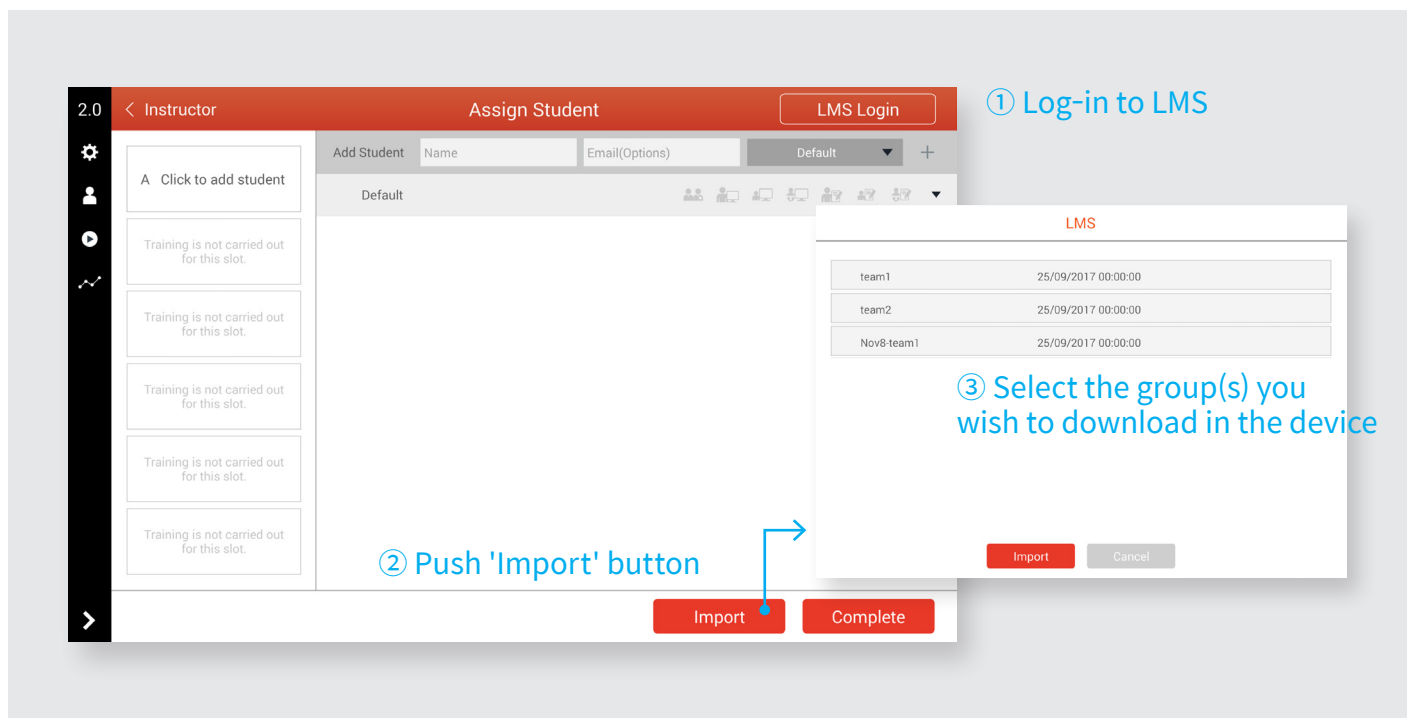
Group Name	Date	Instructor	Action
Nov8-team1	2017-09-25	Instructor : Smith	X
team2	2017-09-25	Instructor : Smith	X
team1	2017-09-25	Instructor : Smith	X
Default	2017-09-15	Instructor : Smith	X

3.2. Logging into LMS

Before you log in through **instructor** app, contact the institution or facility you're part of to create and issue LMS account ID and password. You can also purchase the license as a private instructor.



3.3. Import Student's Group from LMS



3.3. Import Student's Group from LMS (continued)

The screenshot shows two overlapping windows. The top window, titled 'LMS', displays a table with three rows: 'team1' (25/09/2017 00:00:00), 'team2' (25/09/2017 00:00:00), and 'Nov8-team1' (25/09/2017 00:00:00). The bottom window, titled 'Assign Student', shows a list of students grouped by team. The 'team2' group is selected, and the 'Import' button is highlighted with a red box and a blue arrow pointing to it. A blue text label '④ Push 'import' button' is positioned next to the arrow.

④ Push 'import' button

⑤ Make sure that the list was successfully downloaded on the device

3.4. Assigning the Students to the slots

The screenshot shows the 'Assign Student' interface. On the left, a list of students is shown with checkboxes. The first two students, 'John Patao' and 'Kimberly Knight', are selected and highlighted with a green border. The third option is 'Click to add student'. Below this are three slots, each with the text 'Training is not carried out for this slot.' On the right, the student list is shown with checkboxes. The first two students, 'John Patao' and 'Kimberly Knight', are selected and highlighted with a green background. A blue text label 'In the order in which the instructor chooses, students will be assigned to the each slot.' is positioned to the right of the student list.

In the order in which the instructor chooses, students will be assigned to the each slot.

4. After the Training or Evaluation

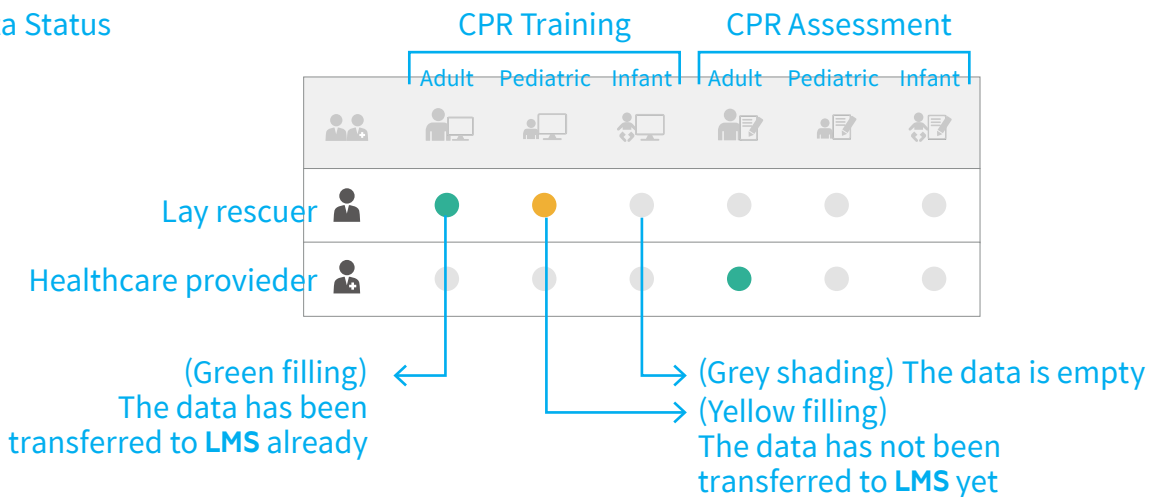
4.1. Reviewing the data

The top screenshot shows the 'View data' screen with a list of students. A blue dashed box highlights the 'Browse' buttons for John Patao, Kimberly Knight, and Gisela Noel. An arrow points from this box to the text 'Refer to ① Below'. Another arrow points from the 'Browse' button for Gisela Noel to the text 'The result of the students that you wish to review will be shown if you click on 'browse' button.'

The middle screenshot shows a detailed view for John Patao, with a 'Total Score' of 4. A blue text box says 'Choose the type of data you wish to review.' with arrows pointing to the 'Adult-Education' selection options.

The bottom screenshot shows a detailed view for John Roe, displaying performance graphs for 'Compression/ventilation strength' and 'Compression/ventilation rate'.

① Data Status



4.2. Transferring data to LMS

2.0 < Instructor View data LMS Login

team2	John Patao	JohnVPatao@heartisense.com	Browse
<input type="checkbox"/>	Kimberly Knight	kimberly@heartisense.com	Browse
<input type="checkbox"/>	Gisela Noel	giselanoel@heartisense.com	Browse
team1			
Default			

① Choose the student or the group you wish to transfer.

Send

② Click on 'Send' button.

Sending...

③ The data status has been changed.

2.0 < Instructor View data Smith LMS Logout

team2	John Patao	JohnVPatao@heartisense.com	Browse
<input type="checkbox"/>	Kimberly Knight	kimberly@heartisense.com	Browse
<input type="checkbox"/>	Gisela Noel	giselanoel@heartisense.com	Browse
team1			
Default			

Send

❓ Should you have any questions while using the product, please feel free to contact us using the details below

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Fax : +82-505-170-3900