



Wearable Auscultation Trainer Quick Start Guide

Use the Wearable Auscultation Trainer to teach students correct stethoscope placement as well how to accurately recognize heart, lung, and bowel sounds.



Product includes:

- Wearable Auscultation Trainer
- Smart device with app
- RealityScope (stethoscope attachment)
- Garment bag
- 1-year limited warranty
- Online access to curriculum

NOTICE! To access your curriculum, visit:

<https://www.realityworks.com/auscultation-downloads>

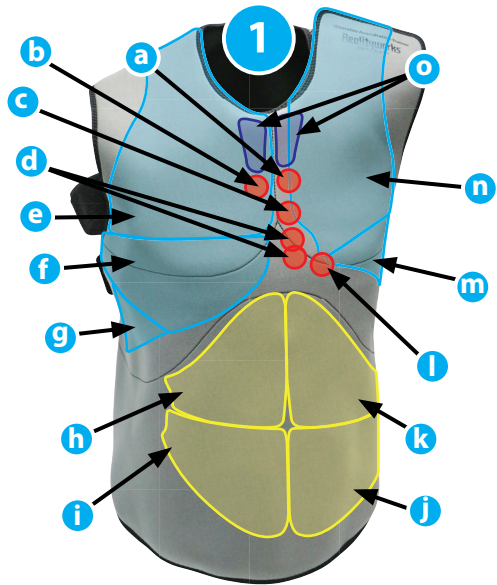
WEARABLE AUSCULTATION TRAINER

Parts identification:

Vest

1. Auscultation regions front:

- a. Pulmonic area
- b. Aortic area
- c. Erb's point
- d. Tricuspid area
- e. Upper right lobe
- f. Middle right lobe
- g. Lower right lobe
- h. Right upper quadrant
- i. Right lower quadrant
- j. Left lower quadrant
- k. Left upper quadrant
- l. Mitral area
- m. Lower left lobe
- n. Upper left lobe
- o. Bronchovesicular



2. Auscultation regions back:

- q. Bronchovesicular
- r. Upper left lobe
- s. Lower left lobe
- t. Lower right lobe
- u. Upper right lobe



Parts identification:

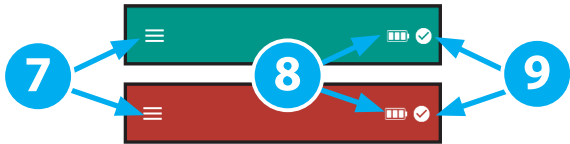
Smart device

- 4. Charging cord
- 5. Volume controls
- 6. Power button



Auscultation Trainer App

- 7. Side menu
- 8. Battery level
- 9. Device connected



RealityScope

- 10. Charging cord
- 11. USB-C port
- 12. Power button
- 13. Battery level lights
- 14. Bluetooth pairing button
- 15. Pairing light
- 16. Audio boost button
- 17. Audio boost light
- 18. Error light



WEARABLE AUSCULTATION TRAINER

Set-up instructions:

Vest

1. Slide the vest onto your right shoulder.
2. Wrap the back strap around your stomach, underneath the front chest piece, and attach with hook and loop fasteners.
3. Wrap the front strap around the back piece and attach with hook and loop fasteners.
4. Fasten the left shoulder together.



NOTE: We recommend using gloves when handling the vest.

Smart device

1. Charge the smart device for up to five hours for a full charge.
2. Press the power button to turn it on.

RealityScope

1. Charge the **RealityScope** for three hours with the included charging cord.
2. Slide the diaphragm of a stethoscope onto the **RealityScope**.
3. Press the power button to turn on the **RealityScope** and press and hold it to turn it off. Three green lights indicate a full battery.
4. Press the bluetooth button when you are ready to pair the **RealityScope** to the app.
5. Press the audio boost button for louder sounds. This will turn on the orange light next to the audio boost button.
6. If the red error light is on, contact the Realityworks product support team.



Listening to sounds

1. Students can listen to sound through the stethoscope that is attached to the paired **RealityScope**.
2. If desired, use the audio port or bluetooth to connect headphones or a speaker for playing sounds through the smart device during practice mode.

NOTE: Bronchial audio is only accessible via the play button in practice mode, not on the vest itself.

Admin instructions:

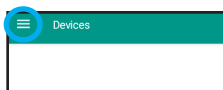
Access admin main menu

1. Make sure you have the **RealityScope** turned on, then open the Auscultation Trainer app on the smart device by tapping the icon.
2. When the Auscultation Trainer app opens, tap the star in the Realityworks logo to access the admin menu. The screen will turn from red to blue.
3. If the admin menu does not appear, close the app and try again.
4. If a **RealityScope** is not currently paired, the app will cue you to when you open it. Tap **SET UP DEVICES** and follow the directions below to set up a **RealityScope**.



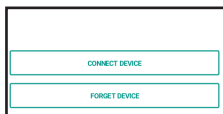
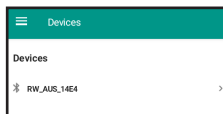
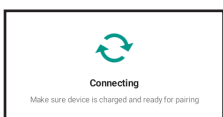
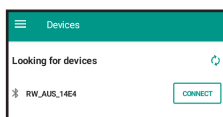
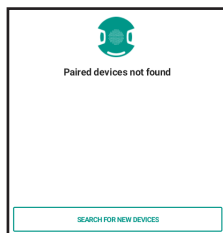
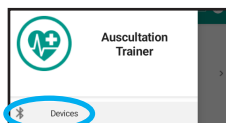
Side Menu

1. Tap on the three lines in the upper-left corner to access the side menu.



Set up a RealityScope

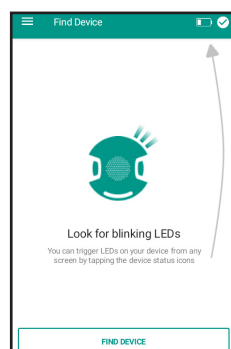
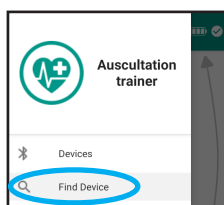
1. If not already on the Devices screen, open the side menu and select **Devices**.
2. Make sure the **RealityScope** is turned on, then press the bluetooth button until the blue light starts flashing. Once it is flashing, tap on **SEARCH FOR NEW DEVICES**.
3. Once the app locates a **RealityScope**, it will show up on the screen. Tap the **CONNECT** button to finish the setup process.
4. If you are having issues connecting to a device that appears on your app, tap on the device and then tap **FORGET DEVICE**, then repeat the steps to connect again.



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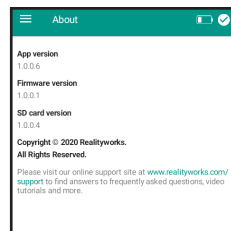
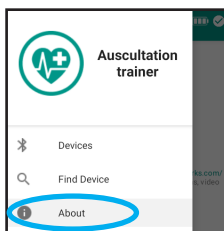
Find an already linked RealityScope

1. Open the side menu and select **Find Device**.
2. Tap on **Find Device** on the main screen and look for blinking LED lights to identify the correct **RealityScope**.



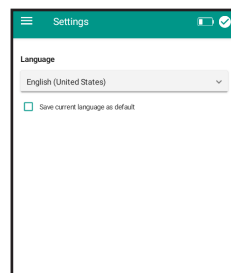
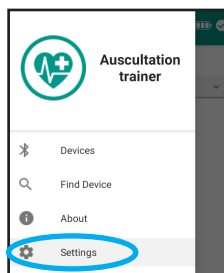
Check version information

1. Tap on **About** in the side menu.
2. Review version information and contact product support if needed.



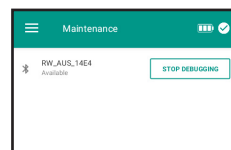
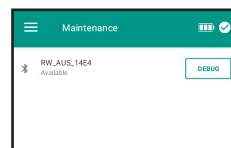
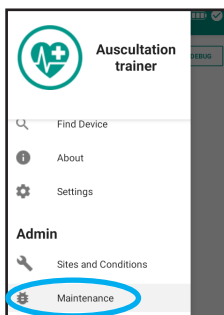
Change the language

1. Tap on **Settings** in the side menu.
2. Select the preferred language from the dropdown menu.
3. Check the box to save the current language as default if desired.



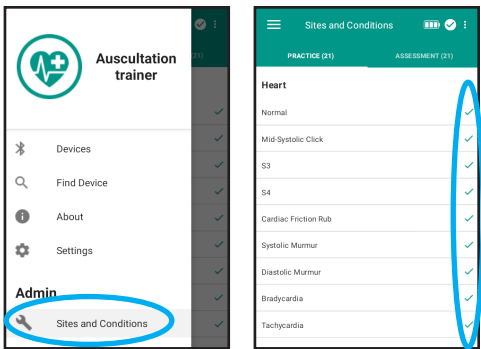
Debug a RealityScope

1. Contact the Realityworks product support team.
2. Tap on **Maintenance** in the side menu.
3. Follow directions provided by the product support team.



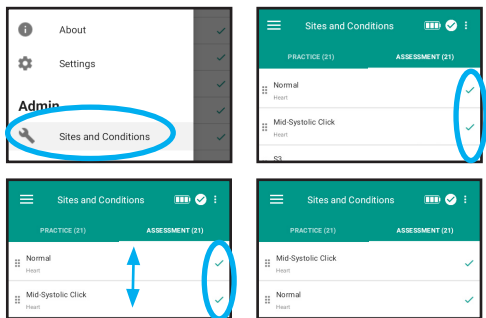
Select Sites and Conditions for Student Practice

- 1. Open the side menu and select **Sites and Conditions**.
- 2. In the **Practice** tab, you can view all 20 sites and conditions.
- 3. Select or unselect which conditions you would like the students to practice by tapping on them. The color of the checkmark will change to gray when it is unselected.



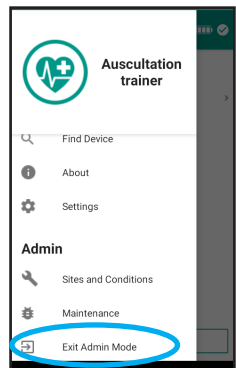
Select Sites and Conditions for Assessment

- 1. Open the side menu and select **Sites and Conditions**.
- 2. In the **Assessment** tab, select or unselect which conditions you want the students to be assessed on. Unselecting will change the color of the checkmark to gray and move it to the bottom of the list.
- 3. Drag the conditions to reorder them as desired.



Exit admin main menu

- 1. To exit the admin main menu and access the student menu, open the side menu and select **Exit Admin Mode**.

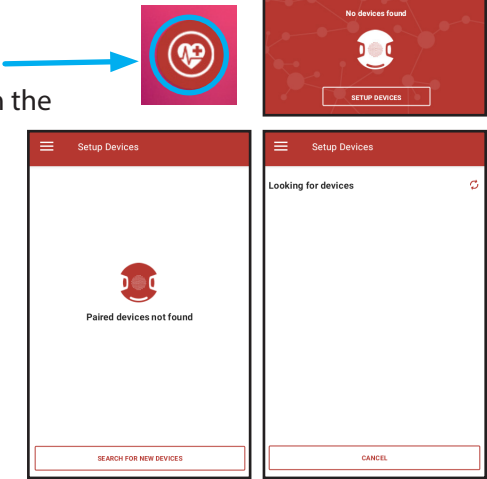


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Student instructions:

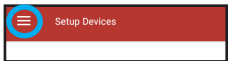
Access student menu

1. Make sure you have the **RealityScope** turned on, then open the Auscultation Trainer app on the smart device by tapping the icon.
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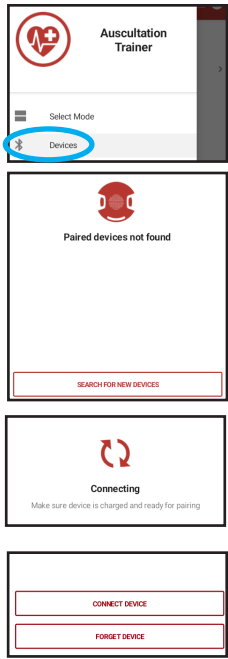
Side Menu

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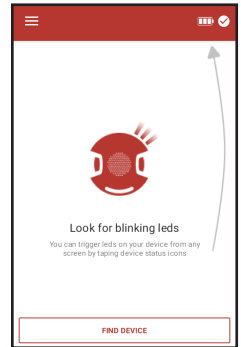
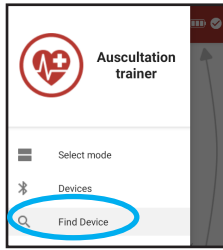
Set up a RealityScope

1. If not already on the **Devices** screen, open the side menu and select **Devices**.
2. Power on the **RealityScope**, then press the bluetooth button on the until the blue light starts flashing. Once it is flashing, tap on **SEARCH FOR NEW DEVICES**.
3. Once the app locates a **RealityScope**, it will show up on the screen. Tap the **CONNECT** button to finish the set up process.
4. If you are having issues connecting to a device that appears on your app, tap on the device and then tap **FORGET DEVICE**, then repeat the steps to connect again.



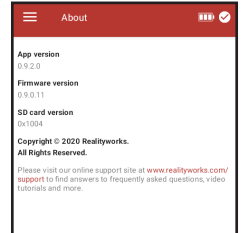
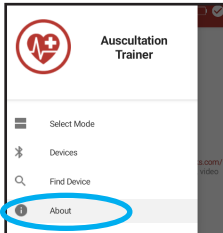
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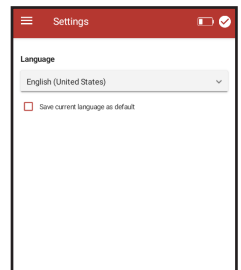
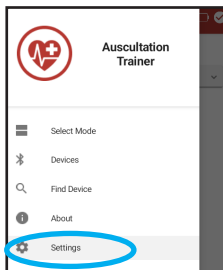
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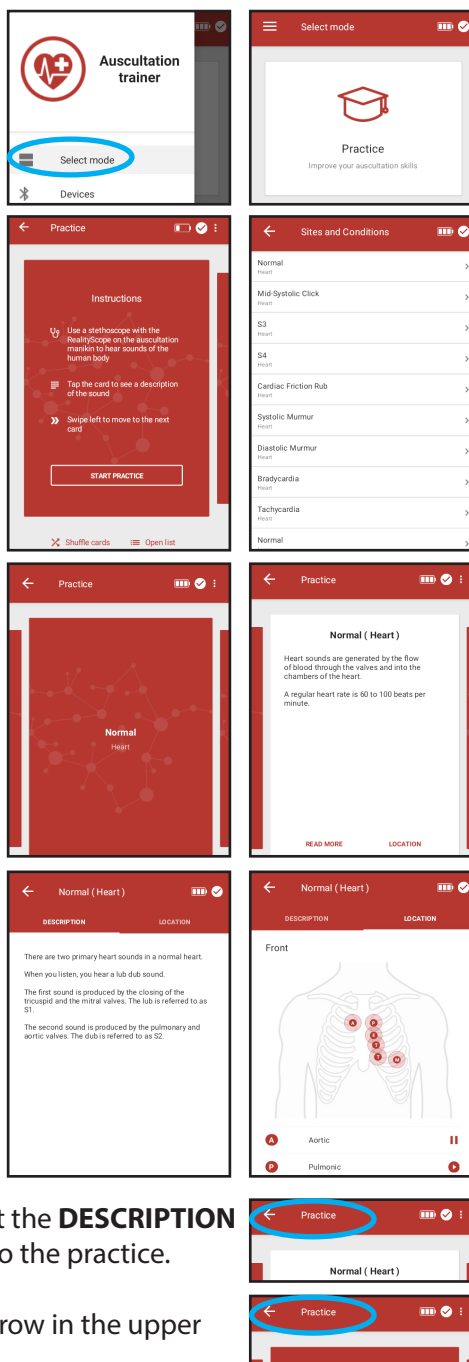
Listening to sounds

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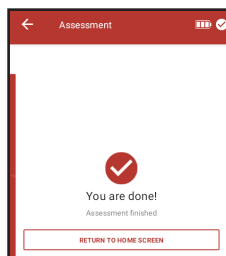
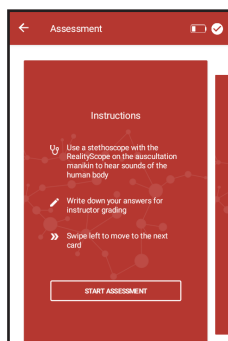
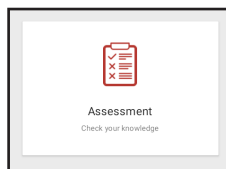
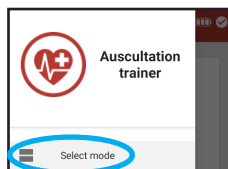
Practice mode

1. Tap on **Select mode** in the side menu.
2. Tap the **PRACTICE** button to enter practice mode.
3. Read the instructions, then tap the **START PRACTICE** button to begin.
 - a. Tap **Shuffle cards** to practice in a random order.
 - b. Tap **Open list** to view the list of upcoming sites and conditions. From here you can select a specific one to practice.
4. For each card, use the **RealityScope** attached to your stethoscope to practice auscultation on the sites and conditions.
5. Tap on the card to learn more about the specific site and condition.
6. Tap **READ MORE** to access an in-depth description.
7. Tap **LOCATION** to view the location of the specific site and condition. In this screen, you can play the sounds that you should be listening for through headphones or a speaker.
8. Tap the left arrow in the upper left-hand corner of the screen to exit the **DESCRIPTION** and **LOCATION** screens and return to the practice.
9. Swipe left to move to the next card.
10. To exit practice mode, tap the left arrow in the upper left-hand corner of the screen.



Assessment mode

1. Tap on **Select mode** in the side menu.
2. Tap the **ASSESSMENT** button to enter assessment mode.
3. Read the instructions, then tap the **START ASSESSMENT** button to begin.
4. For each card, use the *RealityScope* attached to your stethoscope to assess various locations on the vest, hear the sounds, and determine what condition it might be.
5. Write your answer on a sheet of paper or answer sheet provided by the instructor. For example, if it is S1 you will hear normal sounds everywhere except for that location.
6. Swipe right to move to the next card and navigate through the scenarios.
7. Tap **FINISH** once you are done identifying all of the scenarios.
8. Tap **RETURN TO HOME SCREEN** to exit the assessment mode.



NEED MORE HELP?

Cleaning instructions:

Vest

- Unsnap the 3 buttons on the inside of each chest and back piece
- Unzip the bottoms of each piece
- Pull out the chest and back plates
- Machine wash the vest delicate on cold, then hang to dry

RealityScope

- Wipe down with a disinfectant wipe
- Do not dunk in liquid or heavily spray as there are electronic components inside

Additional help and information

Online Product Support

We're here to help! Our online Product Support features video tutorials, downloadable documents, frequently asked questions and product notices, all of which make it easy for you to get support for products, software and more, day or night. Find our online product support area here: <https://www.realityworks.com/knowledge-base>

Online Store

Supplies, accessories, select simulators, curriculum and more are available for purchase from our online store 24 hours a day!

Find our online store here: www.realityworks.com