

AR Cardiology Professional Model

WELCOME TO THE WORLD OF AUGMENTED REALITY

AR Human Science Series



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*device not included

WARNING!

Not suitable for children under 36 months due to small parts. Choking hazard. Use with care and only under supervision of adults. Keep this manual for future reference and safety reasons.

What is included

1. AR Human Science from Devar AR platform
2. Realistic heart model
3. 3 Blood vessel models
4. Stand



AR HUMAN SCIENCE
Educational activities



DOWNLOAD APP

STEP 1 Download Devar App

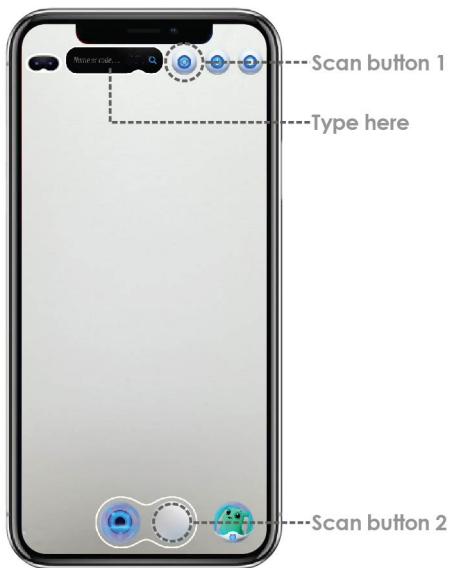
AR Educational Platform

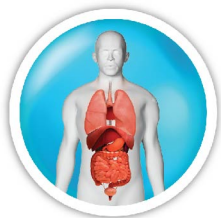


Scan QR Code



STEP 2 Open Devar App and scan QR Code to download content or type 'AR Human Science'



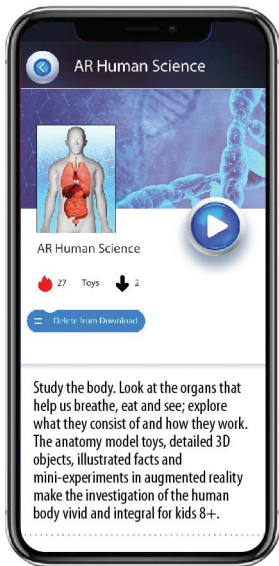


AR HUMAN SCIENCE
Educational activities

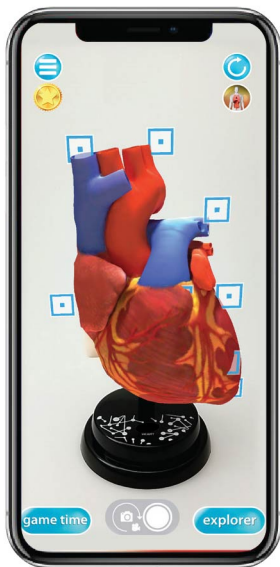


Scan QR Code

STEP 3 Press '  ' button to start the AR Human Science



STEP 4 Point the device's camera at the model and you will see the Heart in AR. The activation is complete.



AR Human Science App Interface



- 1) Drop-down menu: Exit App / Change Language / App guide
- 2) Refresh: Refresh the AR model
- 3) Organ parts: Tap on the organ model parts to learn interesting facts
- 4) Explorer: The 'Explorer' button allows you to split the model into parts in AR
- 5) Game Time: Tap the 'Game Time' button to start the quiz game and check your knowledge of anatomy
- 6) Camera & Video:
Take photos or record videos with the AR anatomy models
- 7) Collection: Check your AR Human Science Collection
- 8) Subscribe: More funny animations and peculiar facts here

1) Drop-down menu

Exit App / Change Language / App guide

App guide

Change Language

Exit App



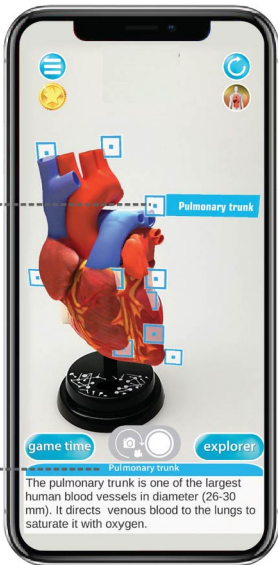
2) Refresh

Refresh the AR model



3) Organ parts

Tap on the organ model parts to learn interesting facts



Interesting facts

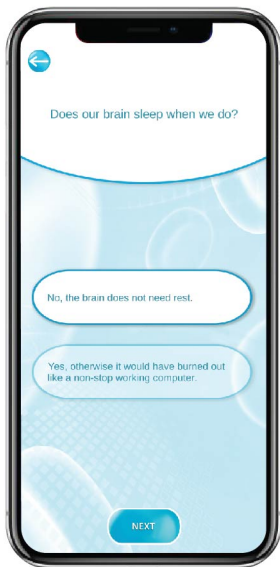
4) Explorer

The 'Explorer' button allows you to split the model into parts in AR



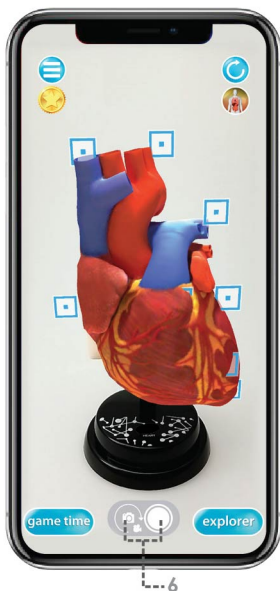
5) Game Time

Tap the 'Game time' button to start the quiz game and check your knowledge of anatomy



6) Camera & Video

Take photos or record videos with the AR anatomy models



7) Collection

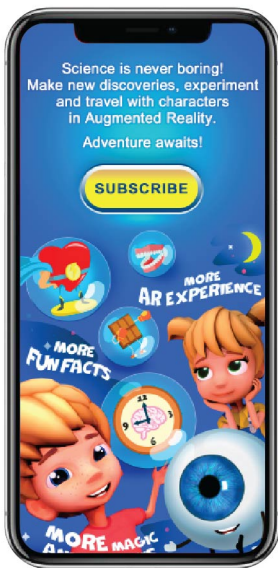
Check your AR Human Science Collection.

AR Human Science comes with 6 topics, you can select different models after you purchased the respective toy



8) Subscribe

More funny animations and peculiar facts here. Click on the icon and go further with the characters that assist you on the journey. They won't let you get bored!



Re-launch AR Human Science

STEP 1 Open Devar App by clicking Devar App icon or scanning QR code

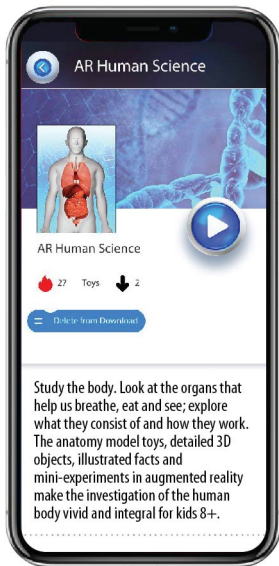


Scan QR Code

STEP 2 You can scan QR code or search from the Download button



STEP 3 Press '  ' button to start the AR Human Science



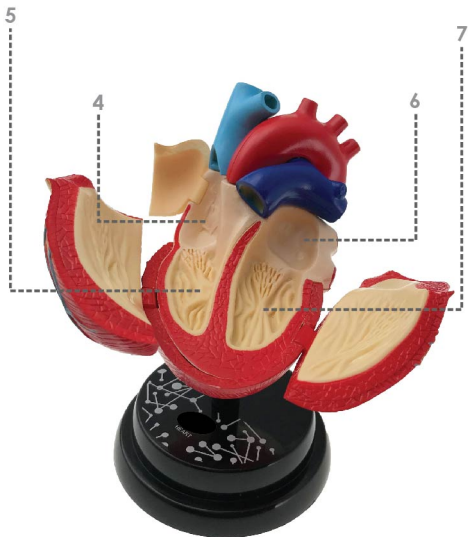
Assembling the Heart Model



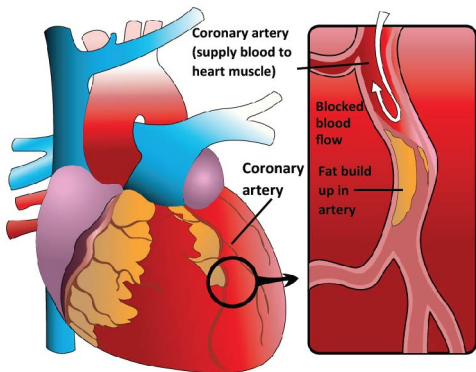
STEP 1 Name of parts: 1) Superior vena cava, 2) Aorta, 3) Pulmonary artery



STEP 2 Name of parts: 4) Right atrium, 5) Right ventricle, 6) Left atrium, 7) Left ventricle



Coronary artery disease - the vessels that bring blood to the heart are called the coronary arteries. They are like narrow tubes. A fatty substance called plaque can build up in these arteries and make them even narrower, thus decreasing blood flow to the heart.



Formation of Coronary Heart Disease

A normal and healthy coronary artery:



- Smooth surface of the inner arterial wall.

- Elastic muscle fibres of the arterial wall facilitate smooth blood flow to ensure sufficient supply of oxygen and nutrients to heart muscles.

Deposition of fat on the inner arterial wall:



- Narrowing of the lumen.

- Loss of elasticity of the arterial muscle fibres hinders blood flow and leads to insufficient supply of oxygen and nutrients to heart muscles.

Serious blockage of the artery:



- As the blockage gets worse, the slowed blood supply to the heart may begin to cause something called angina pectoris, a Latin phrase that means, "strangling in the chest." Patients often say that angina is like a squeezing, suffocating, or burning feeling in their chest.

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