

CARDIOVERSE AR GUIDANCE : HOW TO USE THE AR FEATURES

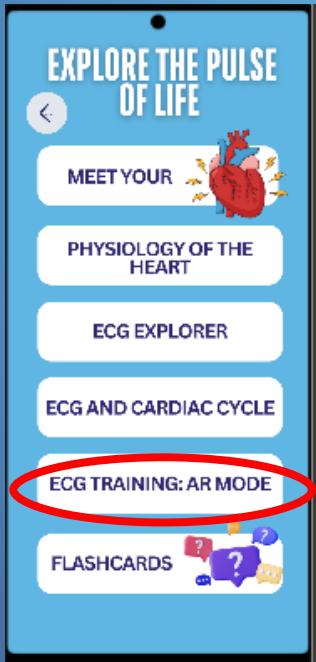
EXPLORE THE PULSE OF LIFE



BY NUR NABILA SHAHIRAH

STEP 1: ACCESS THE AR FEATURE

- 1) Open the CardioVerse app on your device.
- 2) From the main menu, tap “ECG Training: AR Mode.”
- 3) The app will automatically start in Chest Lead AR mode.



Main Menu



ECG Training: AR Mode

STEP 2: GET THE SPECIAL IMAGE READY

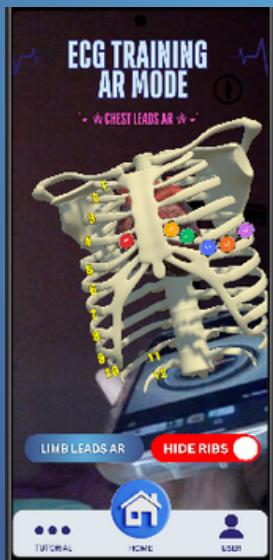
- 1) To see the AR features, you'll **need to use a special image** that the app recognizes.
- 2) You can:
 - Find the image in the **provided google drive** and open it on another device.
 - Use the **printed image** given.
- 3) Place the image **on a flat surface** in a well-lit area (like a table or desk).
- 4) Make sure the **image is fully visible** and not covered by anything.



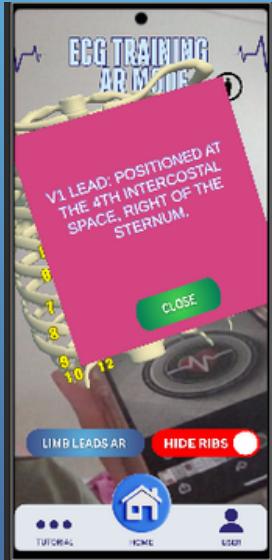
Special image

STEP 3: USING THE CHEST LEAD AR

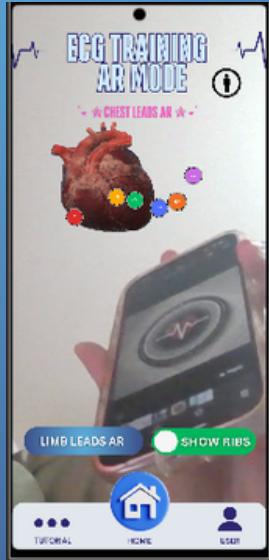
- 1) Point your device's camera at the **special image**.
- 2) Wait for the 3D heart model and chest lead placements (V1–V6) to appear on your screen.
- 3) **Explore the Chest Leads:**
 - **Tap on any chest lead (e.g., V1, V2)** to learn about its placement and role in the ECG.
 - **Tap the “Hide Ribs” button** to remove the ribs and get a clearer view of the heart.
 - **Tap the “Show Ribs” button** to bring the ribs back.



3D Model
Appear



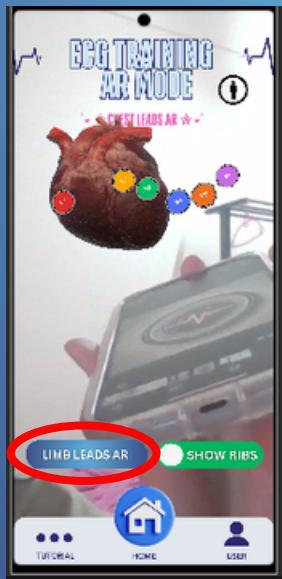
After tap on
any chest lead



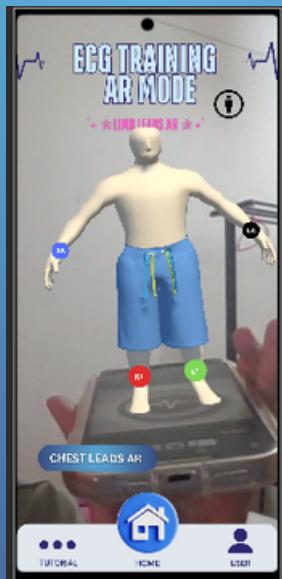
Hide Ribs

STEP 4: SWITCHING TO LIMB LEAD AR

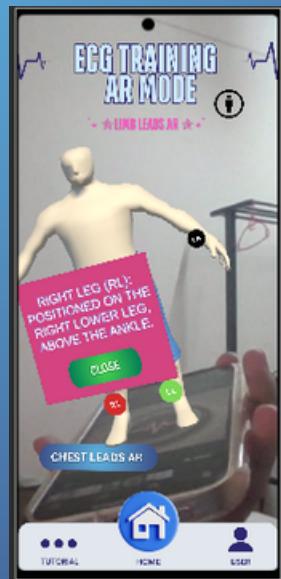
- 1) Beside the Hide Ribs button, you'll see the "Limb Lead AR" button.
- 2) **Tap the Limb Leads AR** button to switch to this mode.
- 3) Point your device's camera at the **same special image**.
- 4) Explore the Limb Leads:
 - Wait for the 3D model with limb lead placements (RA, LA, RL, LL).
 - **Tap on any limb lead** to learn about its role and connection to the heart.



Tap Limb Leads AR button



Limb Leads AR Mode



After Tap on any Limb Lead

STEP 5: TROUBLESHOOTING AR ISSUES

1) The 3D model doesn't appear:

- Make sure the special image is in clear view of your camera.
- Ensure the image is flat, fully visible, and in good lighting.
- Restart the app if the issue persists.

2) Buttons or explanations don't work:

- Tap the button again and wait a few seconds for the explanation to appear.
- Restart the app if the problem continues.

3) The ribs don't hide or show properly:

- Tap the button again and give it a moment to respond.

STEP 6: TIPS FOR THE BEST EXPERIENCE

- Use the app in a **bright, clutter-free area**.
- **Avoid shiny surfaces** that may confuse the camera.
- Ensure your device's **camera is clean and focused on the special image**.
- Keep your device's **battery charged**.

NEED HELP ?

If you have questions or need assistance, **contact nabila at 010-5591213** or **check the in-app tutorial for help**.

Enjoy exploring the CardioVerse ECG Training in AR mode!