


Use of iPads to Study Human Anatomy

I. Human Respiratory System

Access to Lindsay Atlas App


1. Open up iPad
2. Click on Zygote Atlas App





3. Click on  from the top menu. This symbol brings you to the body directory: Organs, Region, System, Tissue, All, and Current


* For the human respiratory system - click on System at top and then scroll down and choose respiratory system

4. Navigation: one finger rotates image 360°; two fingers moves image up or down on screen

5. To recentre your image on your screen click  from the top menu

6. To redo what you just did, click on  arrow key from the top menu

7. To perform transverse incisions for viewing cut-away parts, click  Swipe down with **one finger** to get your cut-away. Click on knife again to view your obtained picture in 360°. Swipe with **two fingers** to get sagittal cut-aways.

8. Click  on tools icon to view your image in X-ray, clear, solid or highlight. To delete work and start over, choose trash.

9. Choose gender, click 

10. Explore the benefits of this 3D app for the next 15 min. We will use Apple TV to share work. Teacher will ask each group to perform a task to learn to manouvre around this technology with ease.

Tasks to perform Using Apple TV/group

- A. Upload respiratory and olfactory system. Tap on body. Zoom in; zoom out. Rotate upside down. Rotate to back. Recentre.
- B. Upload respiratory and olfactory system. Tap on body. Tap on left pleura membrane. Map X-ray. Move 360°.
- C. Upload respiratory and olfactory system. Tap on body. Move head to centre of iPad. Move body to face sideways. Click on Nasopharynx. Make clear. Click tools off. Zoom into face. Rotate clear nasopharynx.
- D. Upload respiratory and olfactory system. Tap on body. Tap on larynx. Highlight. Rotate upside down and zoom into vocal cords. Recentre body.
- E. Upload respiratory and olfactory system. Tap on body. Rotate body upside down. Zoom up into bronchi so can see vocal cords from bottom up.
- F. Upload respiratory and olfactory system. Tap on body. Tap on pleura membrane. Remove. Tap on Lung. Remove.