Welcome to our user guide to **3D Anatomy and Physiology** for iPad. Please read on, or select one of the links opposite to jump straight to a particular topic.

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Open your web browser and type **www.anatomy.tv** into your address bar or browser search field.

This takes you to the **Home** page.

To log in to your subscription, please type your username and password in the subscriber login fields shown here:

Please note that if your institution is IP authenticated you will be taken to the products page automatically without having to log in, so you will not see this page and login area.

If you are an Athens or Shibboleth user or wish to access our site from a proxy URL you must provide us with the technical information or refer us to your IT department so we can set you up on our system.
Once you have entered a valid username and password you'll be taken to the product launch area of the **Home page**.

The top navigation bar offers a number of useful links:

- **Takes you to the main navigation page from wherever you are in the site**
- **Contains a stock of anatomy.tv and Primal Pictures information and publicity resources**
- **Access this and other user guides anytime from here**
- **Common questions and answers for getting the most out of your subscription**
- **Takes you to our in-depth video tutorial series**
- **Find out about the latest product releases, offers, events, hints and tips**
- **Additional teaching resources for users with a Faculty login**

Once you have finished your session, please ensure you use the **LOG OFF** button or you may not be able to log in again until after the time-out period (default time-out is 15 minutes).
Select the **Anatomy & Physiology** tab to show the module launch tiles.

Any other anatomy.tv titles you have access to will appear on the other tabs.

The **Modules** tab is selected by default. When selected you can see all the module launch tiles.

Selecting the 'i' information icon allows you to preview the content of an individual module. You can then launch that module from the preview box...

... alternatively, if you wish to launch the module straight away, select the picture tile itself.
Once you have selected a module it will appear in a separate browser tab.

The module interface is split into three main areas:

- **Image window**
- **Text pane**
- **Menu and Index**

Use this button to log out of your anatomy.tv session.

A brief quick start guide is available here.
Each module is divided into several topics, which can be accessed via the **Menu** button.

1. Tapping the **Menu** button brings up a list of the module’s topics

2. Drag up and down to see the full list of topics

3. Select a topic by tapping on it

4. Once you have selected a topic, close the menu by tapping on the **Close** button

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**USER GUIDE: 3D HUMAN ANATOMY AND PHYSIOLOGY ON IPAD**

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Module interface – What you need to know

The What you need to know section appears at the top of the text pane.

What you need to know
This area contains a series of learning objectives describing the key anatomy and physiology content covered within each topic.
The objectives can also be used as revision aids when you come to review the topic.

If you need to revise any content, the blue links within each set of objectives take you directly to the relevant place in the Topic text.

Erythrocytes, also known as red blood cells, are the most abundant cells in the blood. They are thin, disc-shaped cells, about 7.5μm in diameter, with a depression in the middle on both sides. This biconcavity increases the surface area to allow efficient diffusion of gases. The cells are small and flexible enough to squeeze through tiny capillaries. A healthy male has a total red blood count between 4.7-6.1 million red blood cells/μl.
The **Topic text** follows on from the **What you need to know** section, and is presented in easily digestible units of information to help facilitate learning.

Each topic page begins with introductory text, providing an overview to the subjects covered in that page.

The Anatomy and Physiology content is then broken down into small tables of information. These are clearly marked by a topic title.

You may also find additional tables containing images relating to the topic text. Tapping on these thumbnails will open the images in the main image window.

Tapping on blue text links will highlight the relevant anatomy structure on a 3D model in the main image window.
Module interface –
Image window: overview

Image window
The image window can show 3D sequences, animations, illustrations, clinical slides and dissection slides.
Module interface – Image window: 3D sequences

Every 3D view features a sequence of images. These sequences usually take the form of rotations, enabling you to study the anatomy through 360 degrees.

Use touch gestures to interact with these sequences.

MOVING THROUGH A SEQUENCE
Touch and swipe left and right anywhere on the viewing pane to move back and forward through the sequence.

ZOOMING
Place two fingers anywhere on the viewpane, then move your fingertips apart to zoom in.
To zoom back out, place two fingers on the viewpane and pinch inwards. You can resume rotating the model once back to the default zoom level.

PANNING
When zoomed in, place your finger on the viewpane and drag in any direction to pan around the image.
Module interface – Image window: layers

Each 3D view has numerous layers, enabling you to explore the relationships between different anatomical structures.

SHOW THE LAYER MENU
Touch and swipe upwards anywhere on the viewing pane to reveal the layer selector.

SELECT A LAYER
Tap to select a different layer. You can see which layer you are currently on at the top left of the viewpane.

HIDE THE LAYER MENU
To return to the full view, tap anywhere on the viewpane.

MOVING UP THROUGH THE LAYERS

- Tap
- Press and hold
Module interface – Image window: selecting structures

Every structure in our 3D sequences and 3D views is selectable.

To select a structure, simply tap on it.

The selected structure will highlight green and the structure name will appear at the bottom of the Image window.

To deselect a structure, tap on a background area of the viewpane.

3D illustrations are also selectable.
Finding content – Search all modules

If you know the name, or part of the name, of a structure you can locate it using the **Search** feature on the main Anatomy & Physiology tab.

1. Type your search term here

2. You can narrow your search to only certain types of content using these checkboxes

3. Use the **Pick Modules** feature if you wish to limit your search to only certain modules

4. Tap on the orange arrow, or press **Go** on your keyboard, to display the search results

5. Your results will appear here, grouped by module, then by content type: Title, Slide, Movie, 3D View or Topic

6. The gray text shows which topic title the search result falls under

7. Tapping on the orange link will open the associated module in a new tab and show the relevant content
Finding content – Index: all modules

The Index tab on anatomy.tv provides links to content throughout all of the Anatomy and Physiology modules.

1. Select the initial letter (or number) of the content you wish to locate.

2. Select the initial letter (or number) of the content you wish to locate.

3. Faded characters indicate that there is no content with that initial letter (or number).

4. Use the Pick Modules feature if you wish to limit your search to only certain modules.

5. Tapping on the speaker icon allows you to hear the pronunciation of that structure name, or term.

6. The gray text shows which topic title the index entry falls under.

7. The type of content is indicated by the icon preceding the link: Title, Slide, Movie, 3D View or Topic.

8. Tapping on the orange link will open the associated module and show the relevant content.

The Index tab on anatomy.tv provides links to content throughout all of the Anatomy and Physiology modules.
Finding content – Index and Search within a module

To search for content within a particular module use the Index button on the module’s bottom toolbar.

1. Select the initial letter of the content you wish to locate
2. The Index will scroll to the initial letter (or number) you have selected
3. Alternatively, type your search term here
4. Tapping on the speaker icon allows you to hear the pronunciation of that structure name, or term
5. The type of content is indicated by the icon preceding the link: Title, Slide, 3D View, Animation or Topic
Additional content – Aging, Clinical and Case studies

Scroll to the bottom of the topic Menu to access three types of additional content for the module.

**Aging**
Learn about how aging affects the relevant body system

**Clinical**
Learn about common clinical conditions associated with a particular body system
This section includes a number of clinical conditions, giving an overview of each followed by text on causes, symptoms, diagnosis, and treatment

**Case studies***
Case studies are an excellent way to test your knowledge once you have completed a module
This section includes questions to test your knowledge and understanding of the causes, symptoms, diagnosis, and treatment of common clinical conditions
Tap on the arrow icons to reveal the answers

* Only available if enabled by your course supervisor