

Primal's 3D Atlas

ON iPad

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

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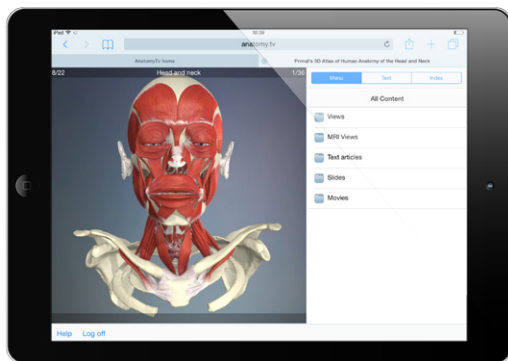
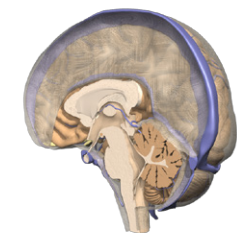
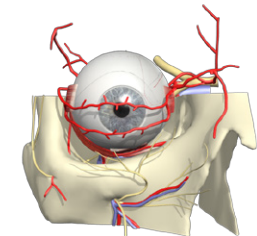
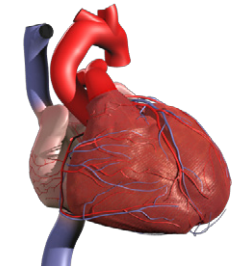
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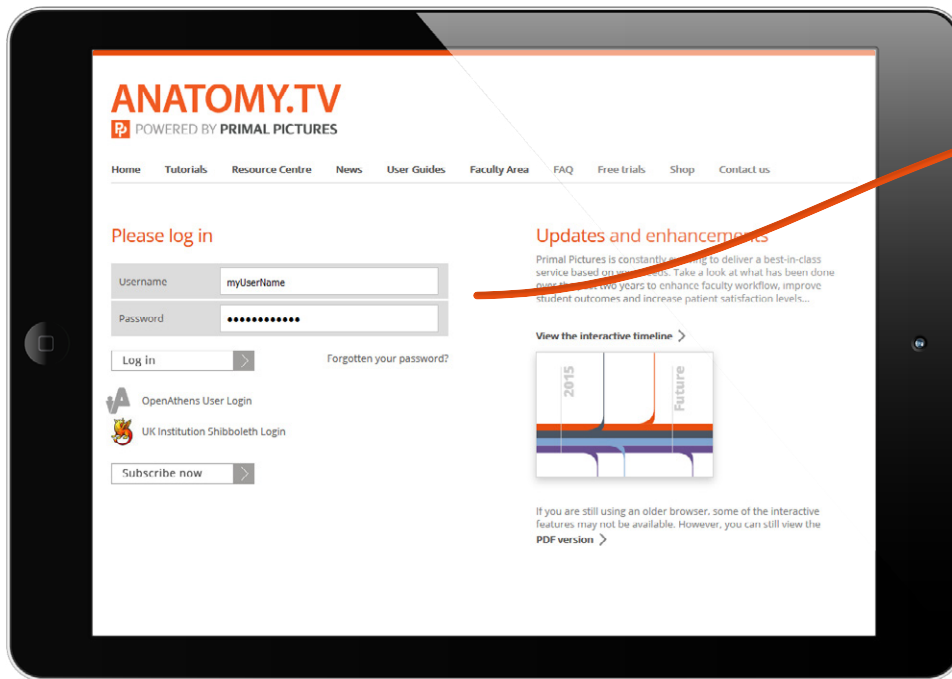


Anatomy.tv – Getting started



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

This takes you to our home page.



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

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Please note 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.

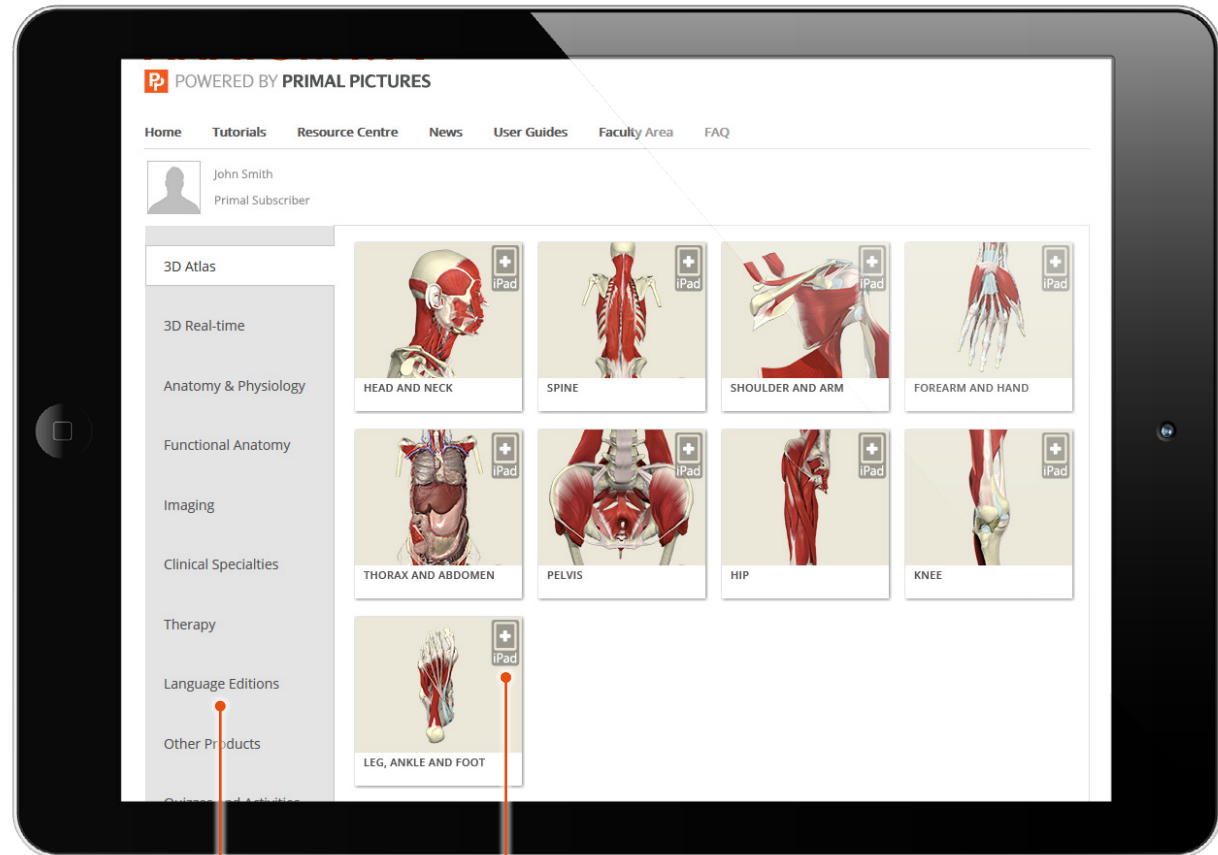
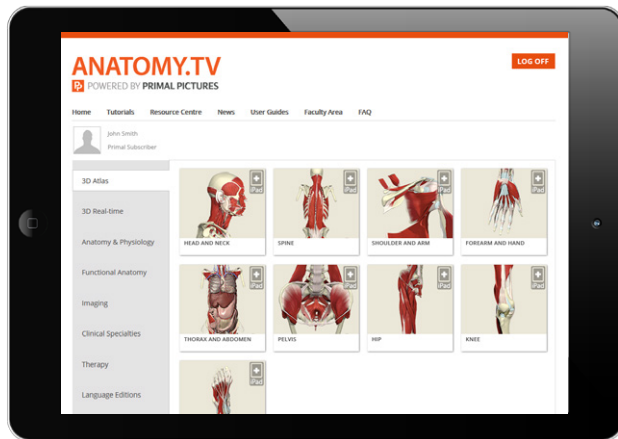
If you are an Athens or Shibboleth user or wish to access our site from a proxy URL you must provide us with the technical information or refer us to your IT department so we can set you up on our system.

Anatomy.tv – Using the home page



Once you have entered a valid username and password you'll be taken to the product launch area of the Home page.

Scroll down a short way to see all the product tiles. Which tiles you see will depend upon your subscription.



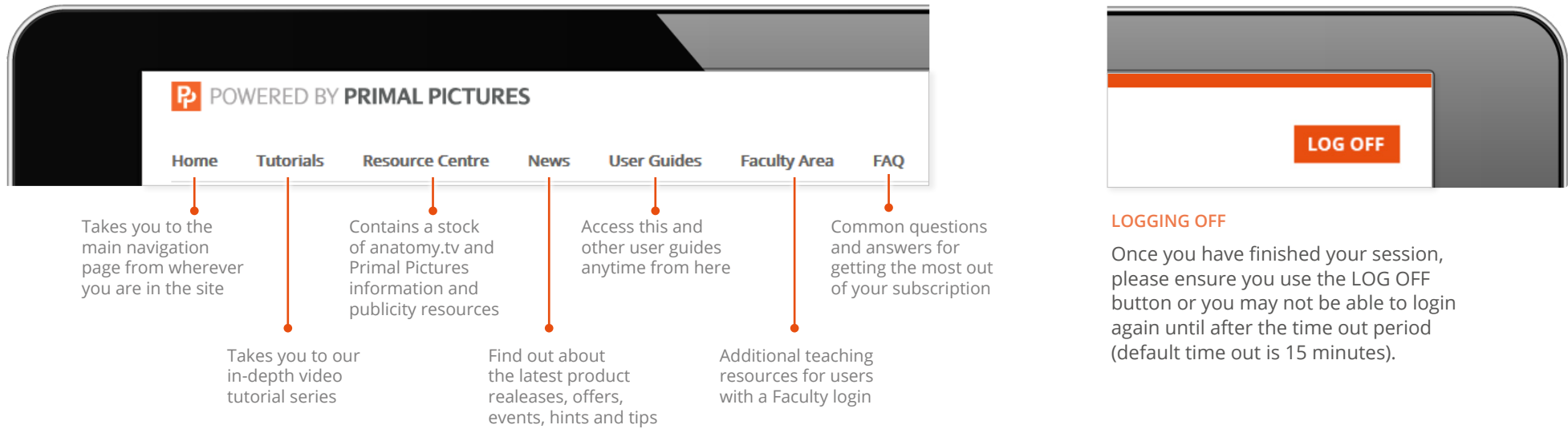
Our titles are split into categories which can be accessed on the left hand side tab menu

Products which are accessible on iPad are indicated by the +iPad icon

Anatomy.tv – Using the home page (cont)



The top navigation bar offers a number of useful links...



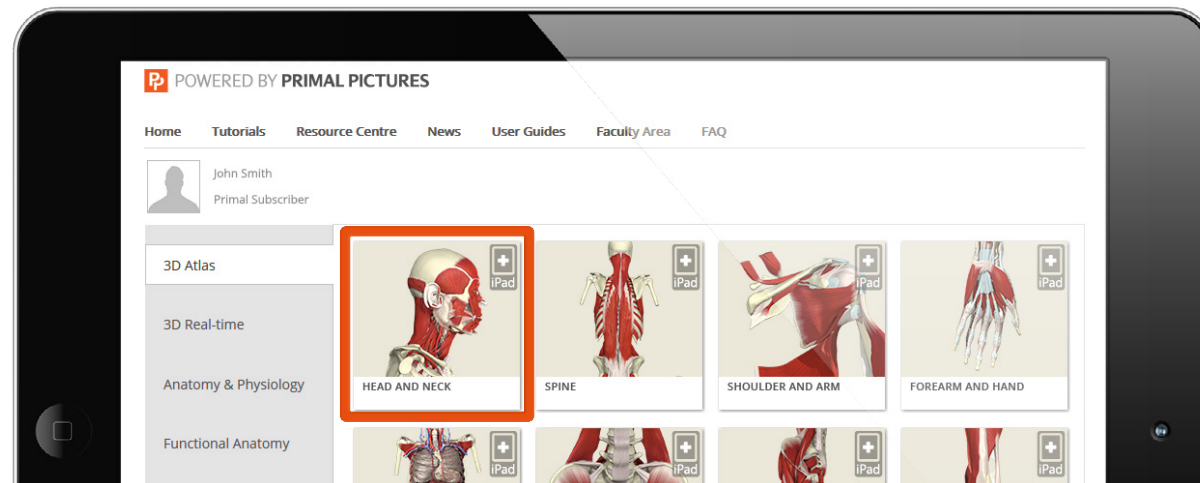
LOGGING OFF

Once you have finished your session, please ensure you use the LOG OFF button or you may not be able to login again until after the time out period (default time out is 15 minutes).

LAUNCHING A PRODUCT

To start using anatomy.tv click on the title you wish to view, for example, **3D Atlas Head and Neck**.

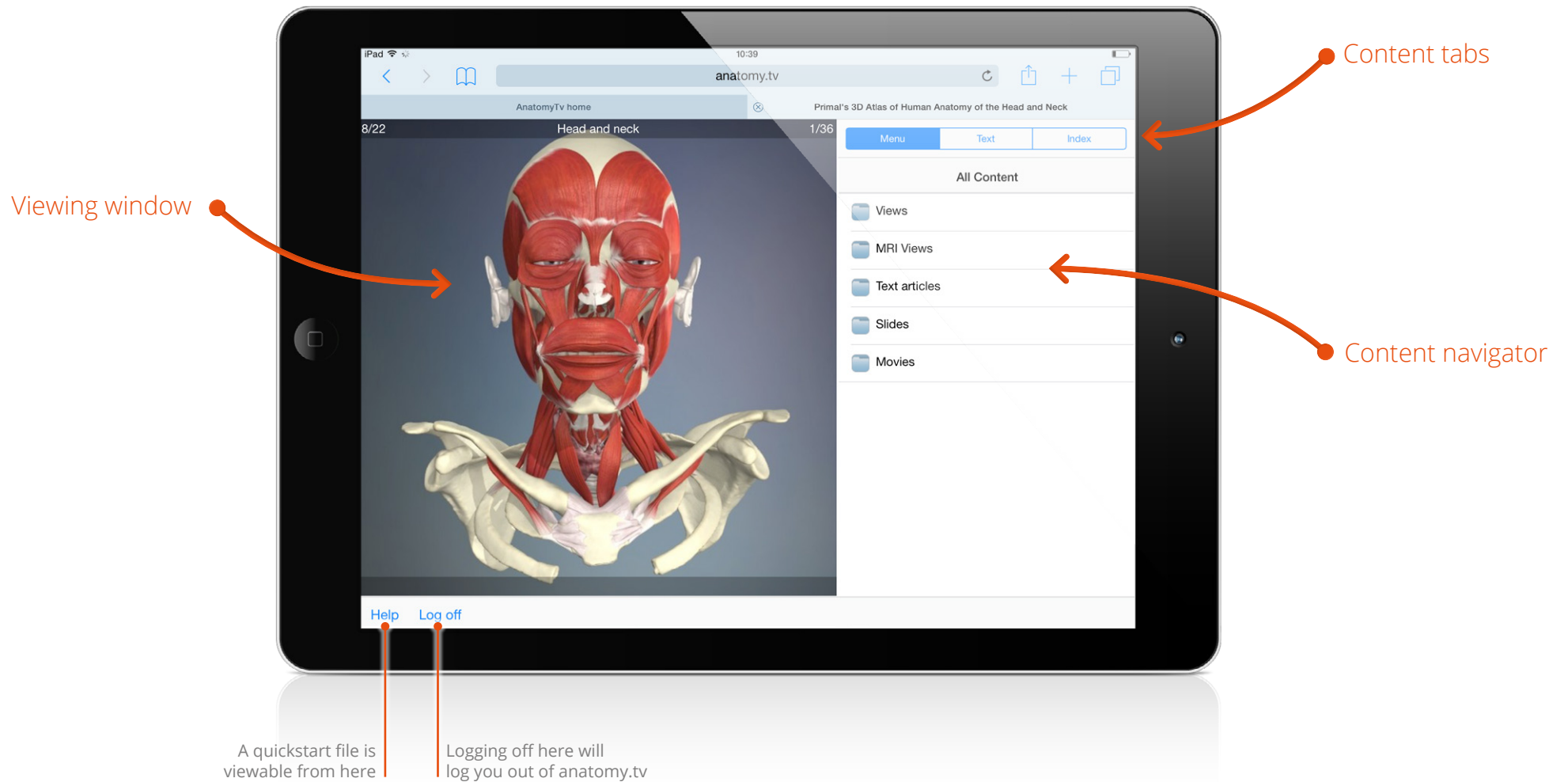
The product you have selected will open in a new browser tab.



Main interface – Overview



There are three main areas in the interface:



Finding content – Menu tab

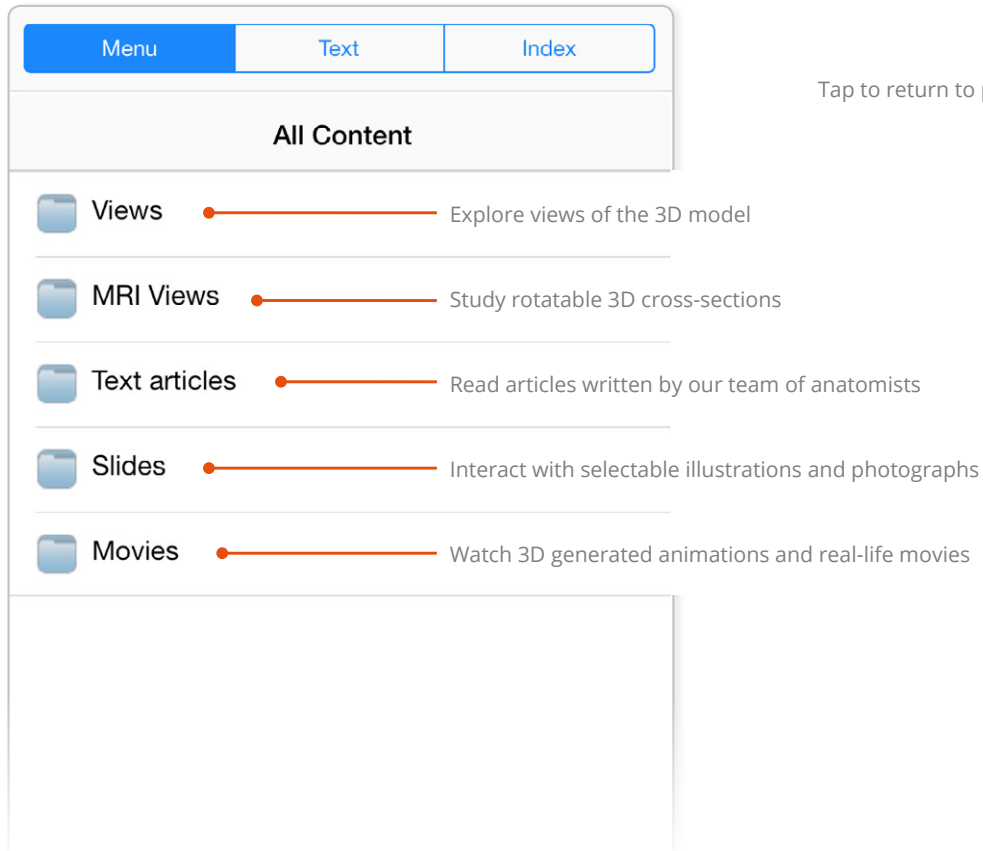


There are two main ways of locating content – via the **Menu tab** or the **Index tab**.

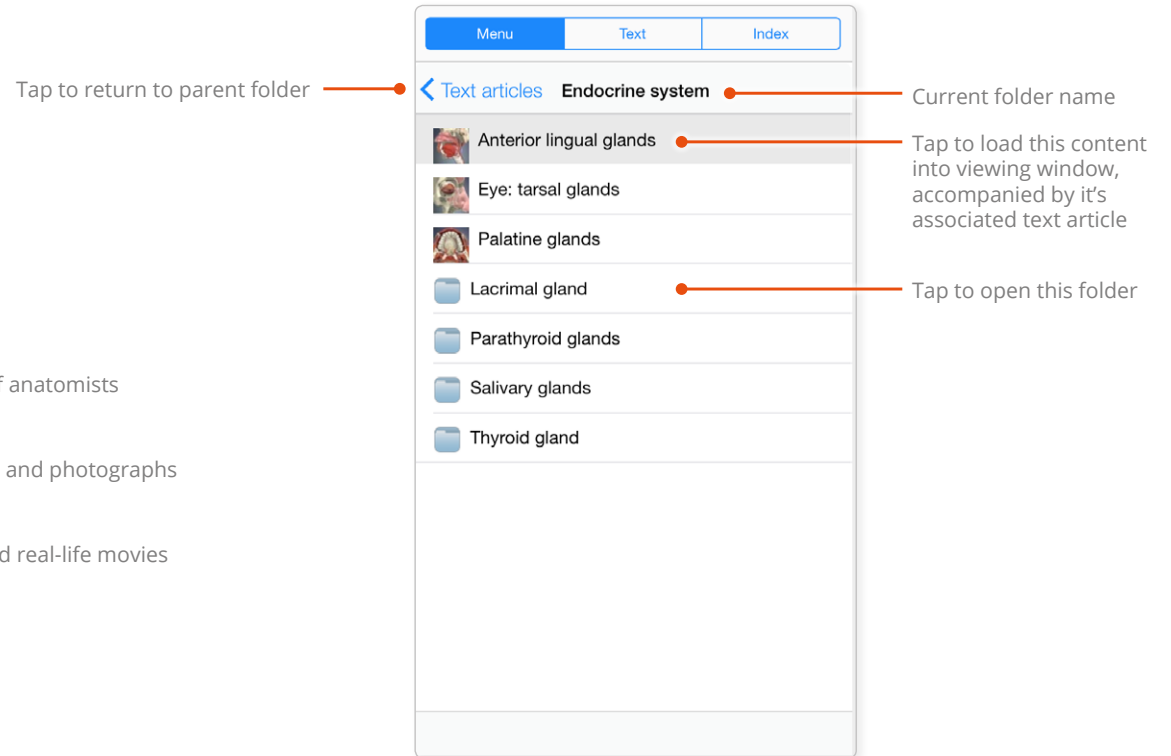
MENU TAB

The Menu tab allows you to browse the entire contents using a convenient folder structure.

The content is divided into five categories:



In this example, we have selected the 'Text articles' folder, then the 'Endocrine system' folder, allowing us to see the texts articles associated with that structure.



Finding content – Index tab



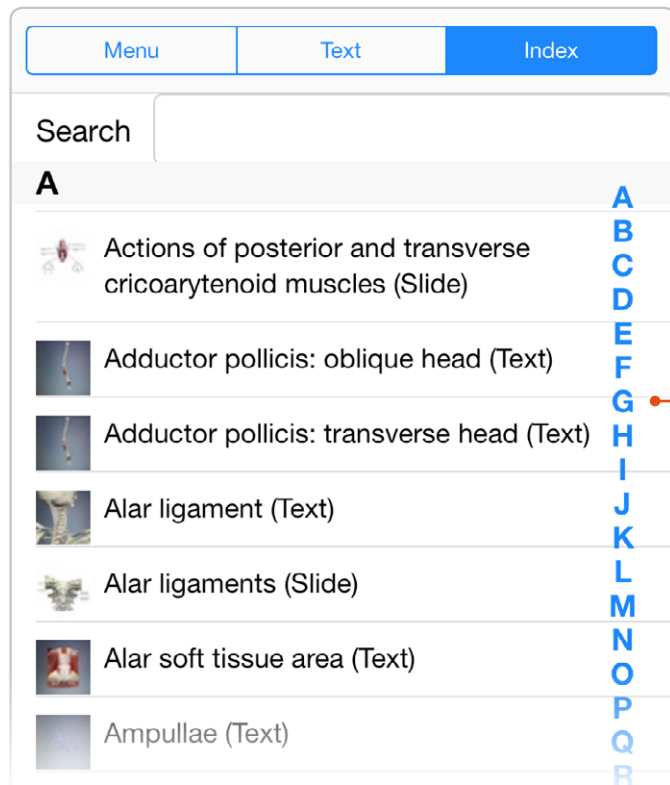
The Index tab lists the entire the content alphabetically.

The type of content is noted in parenthesis after the content name.

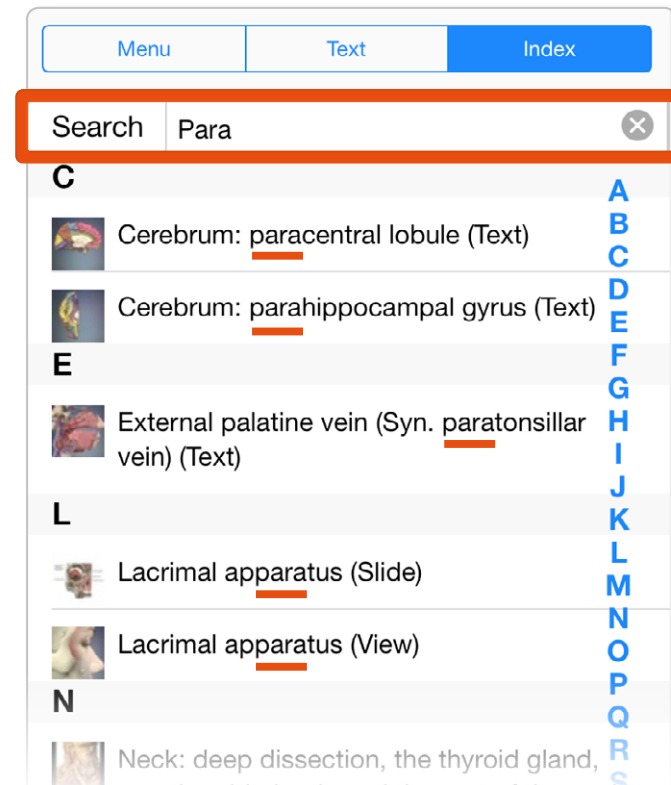
Tap on any of the blue letters to quickly reach the index entries for that letter.

You can filter the index by typing a structure name, or part of a structure name, in the Search box.

For example, typing 'Para' into the Search box will result in the index to list only the structures with those letters in their name.



Tap any letter to move quickly to that point in the index



Viewing window – Rotating the 3D model



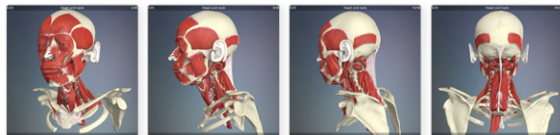
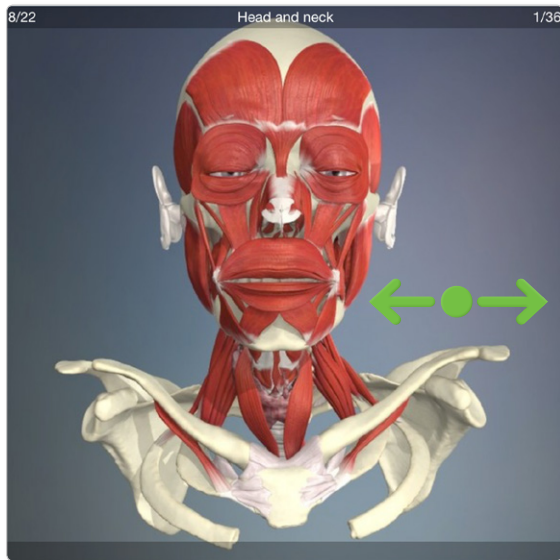
Every 3D view features a sequence of images. These sequences usually take the form of rotations, enabling you to study the anatomy through 360 degrees.

Use touch gestures to interact with these sequences.

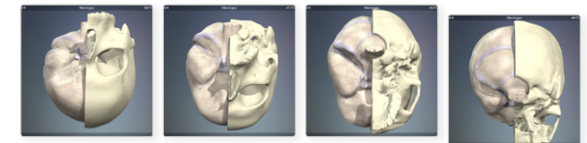
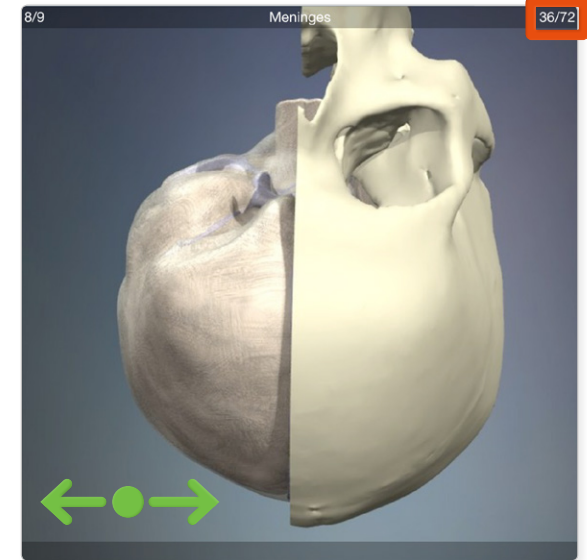
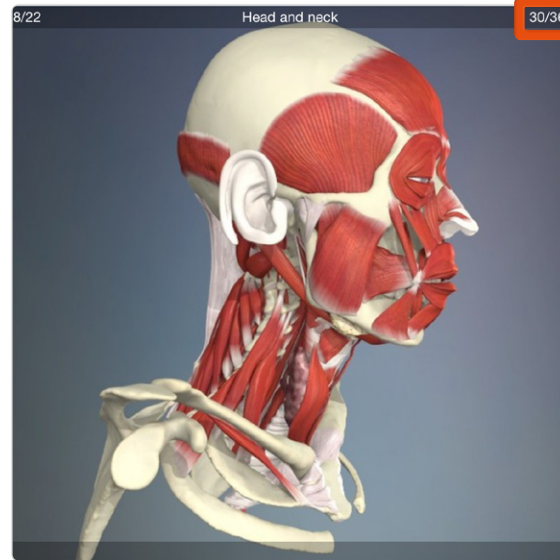
Touch and swipe left and right anywhere on the viewing pane to move back and forward through the sequence.

Most of the views have 36 views in their sequence. You can see what point you are at here:

Some sequences also depict a vertical rotation. Keep swiping left and right to access these images.



HORIZONTAL ROTATION SEQUENCE



VERTICAL ROTATION SEQUENCE

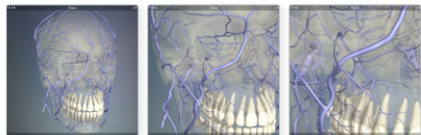
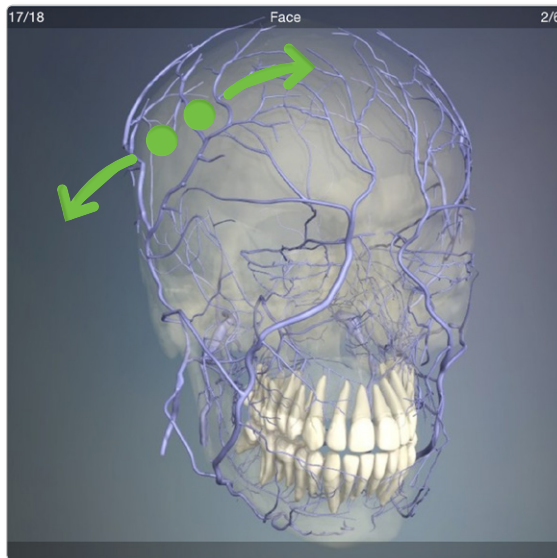
- = TAP
- = PRESS AND HOLD

Viewing window – Taking a closer look at the anatomy



ZOOM-IN

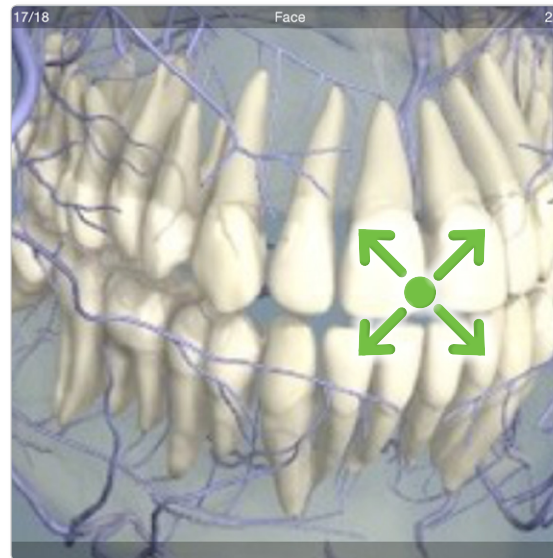
Place two fingers anywhere on the viewing window, then move your fingertips apart to zoom in.



ZOOMING IN

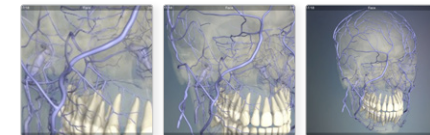
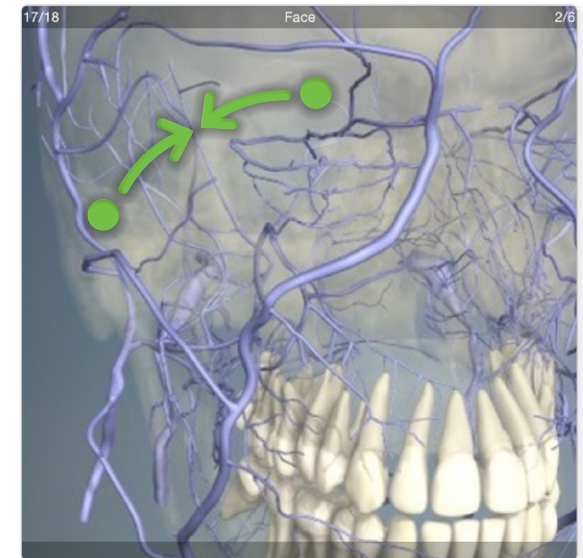
PAN AROUND

When zoomed in, place your finger on the viewing window and drag in any direction to pan around the image.



ZOOM BACK OUT

To zoom back out, place two fingers on the viewing window and pinch inwards. You can resume rotating the model once back to the default zoom level.



ZOOMING OUT

-  = TAP
-  = PRESS AND HOLD

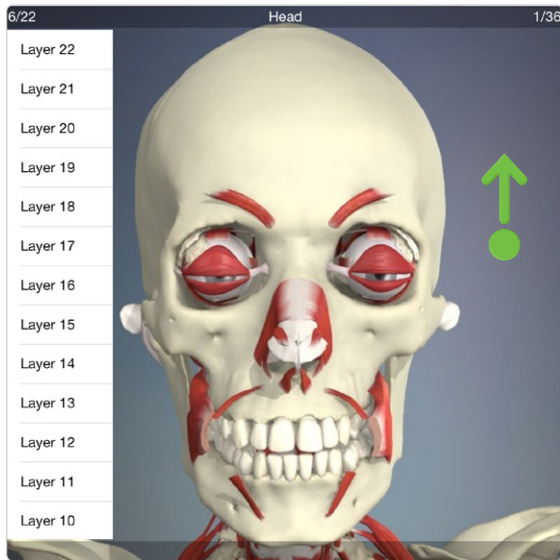
Viewing window – Moving through the layers



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

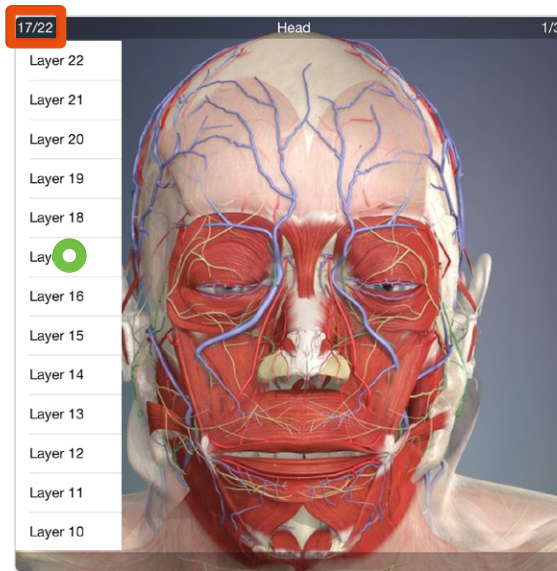
SHOW THE LAYER MENU

Touch and swipe upwards anywhere on the viewing pane to reveal the layer selector.



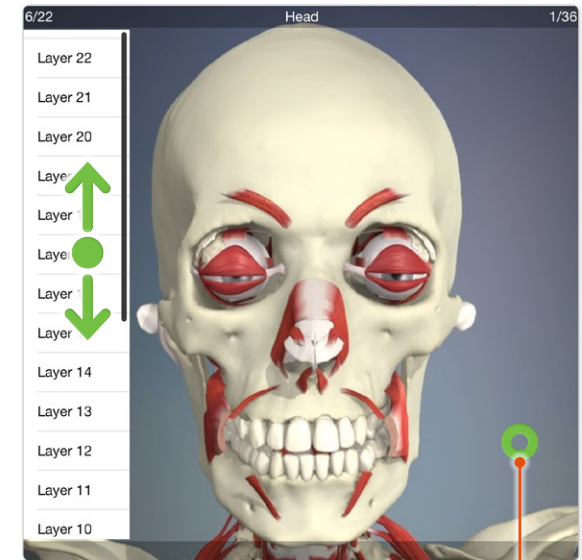
SELECT A LAYER

Tap to select a different layer. You can see which layer you are currently on at the top left of the viewing window.

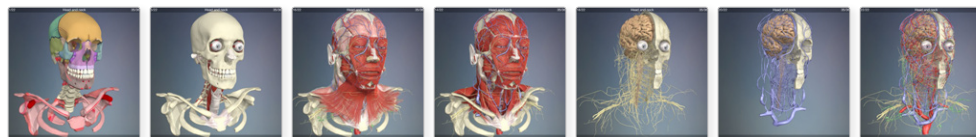


SCROLL THE LAYER MENU

To scroll the layers selector, place your finger on it and swipe up and down.



To hide the menu again, tap anywhere on the viewing window



EXAMPLES OF HEAD AND NECK LAYERS

- = TAP
- = PRESS AND HOLD

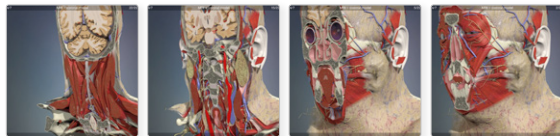
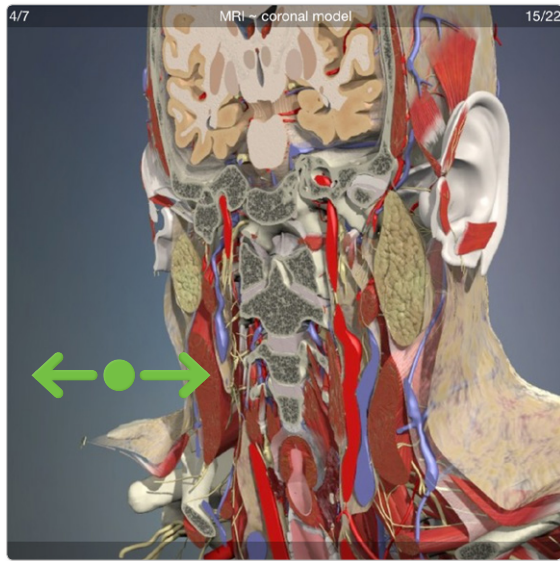
Viewing window – Exploring MRI views



Some of our products have contain 3D cross-sectional views, simulating Magnetic Resonance Imaging. These views are navigated in a slightly different way to normal 3D views.

SCROLLING THROUGH THE MRI CROSS-SECTIONS

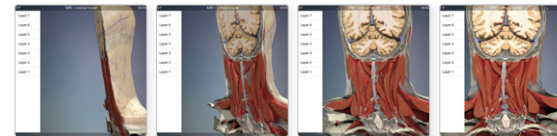
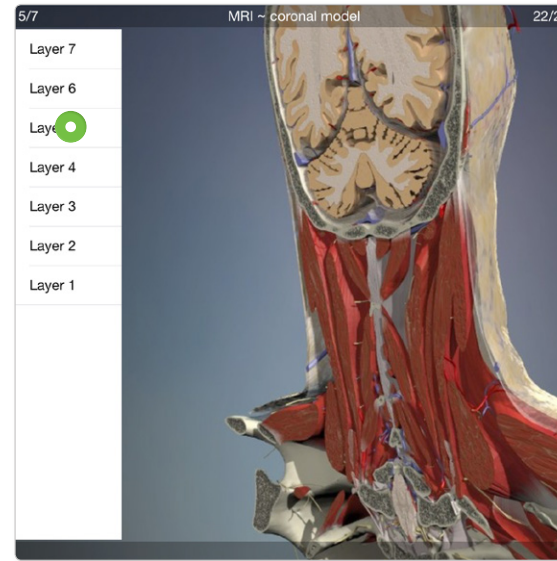
In MRI views, swiping left and right will display the cross-sections in sequence (rather than rotating the model).



MRI SECTIONS

ROTATING AN MRI VIEW

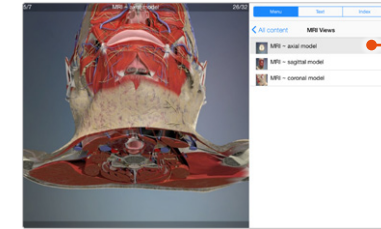
In MRI views, each layer shows a different point in the rotation.



MRI ROTATIONS

MRI PLANES

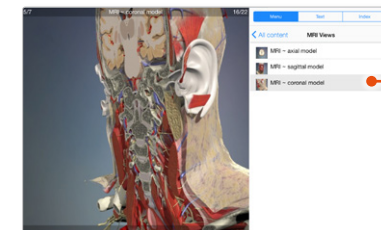
There are MRI views for each of the anatomical planes, selectable in the Menu tab.



Axial plane



Sagittal plane



Coronal plane

THE THREE PLANES

- = TAP
- = PRESS AND HOLD

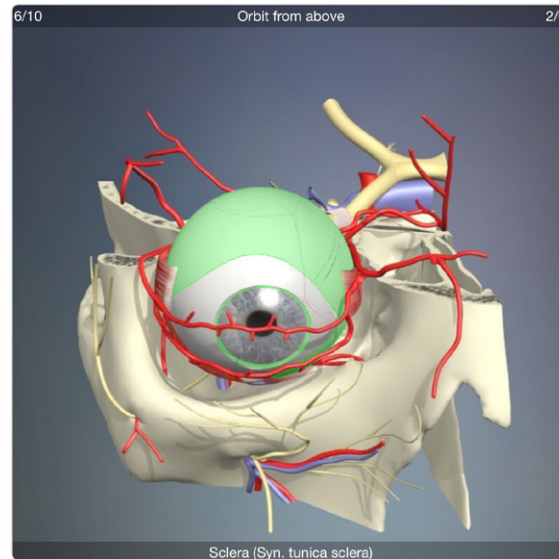
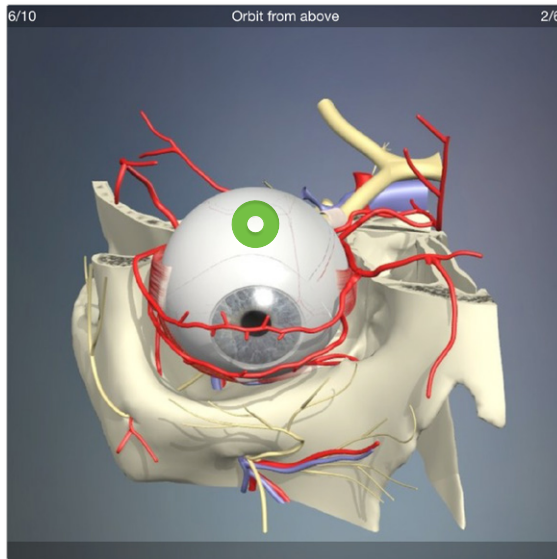
Viewing window – Selecting structures



Every structure in our 3D views is selectable.

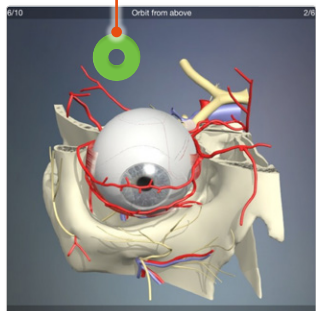
To select a structure, simply tap on it.

The selected structure will highlight green.

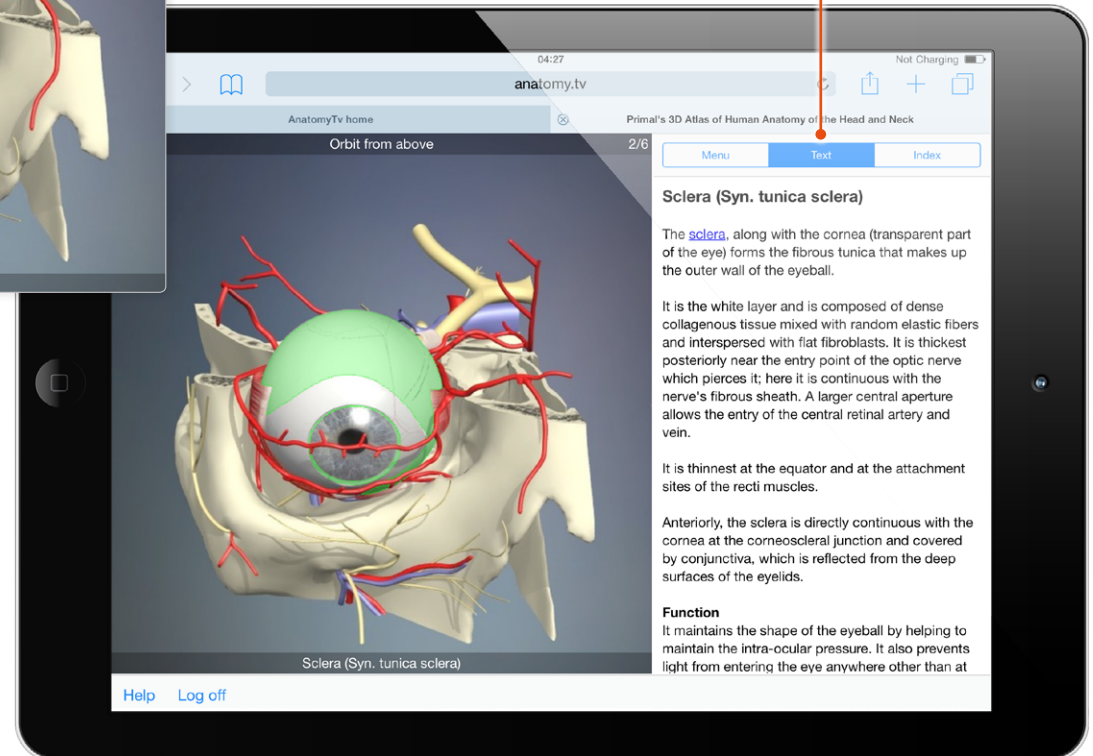


Once you have selected a structure, the content navigator will show its associated text article

To deselect a structure, tap on a background area of the viewing window



The name of the selected structure appears here

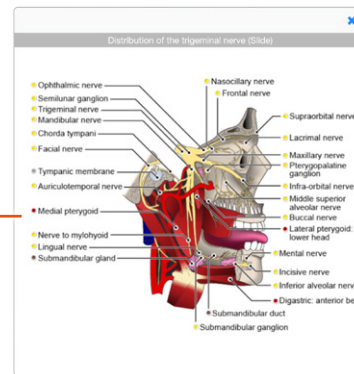
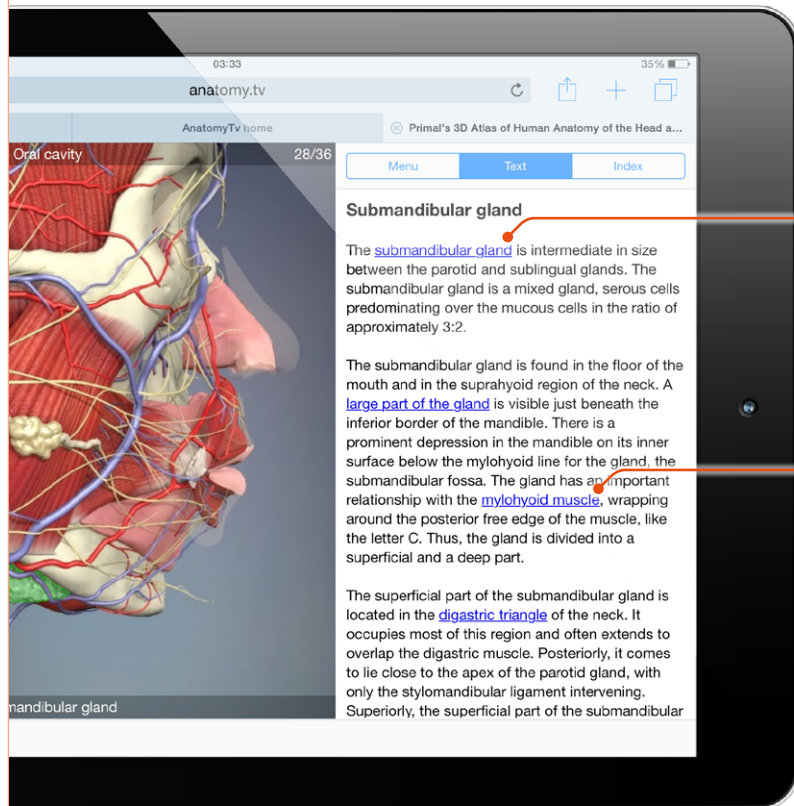


Content navigator – Text links



The anatomical texts contain hyperlinks to related content

Links may lead to other text articles,
3D views, slides or movies.

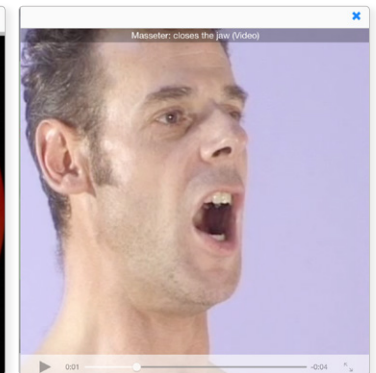


ANATOMY SLIDE

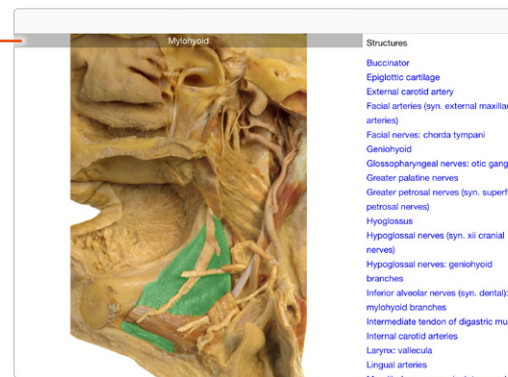
EXAMPLES OF OTHER CONTENT



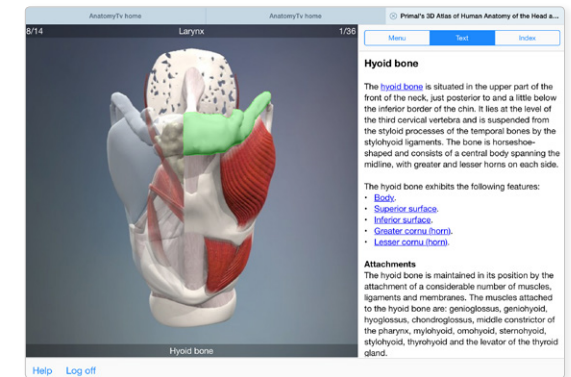
CLINICAL SLIDE



SURFACE ANATOMY MOVIE



DISSECTION SLIDE



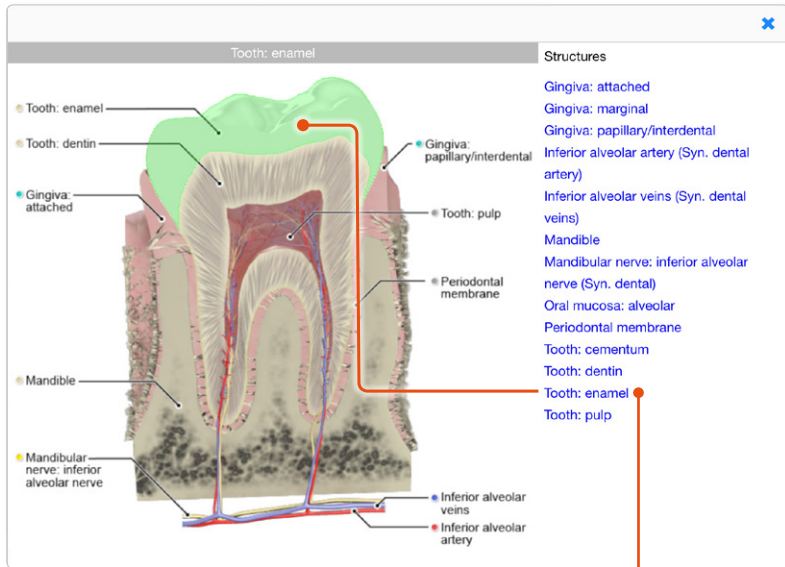
TEXT/3D VIEW

Additional content – Using selectable slides

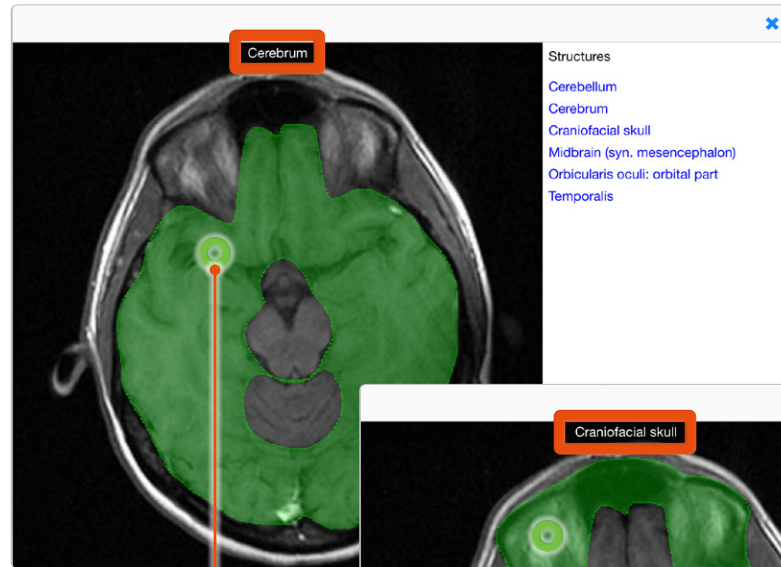


Many of the slides have selectable content, enabling you to quickly locate a structure.

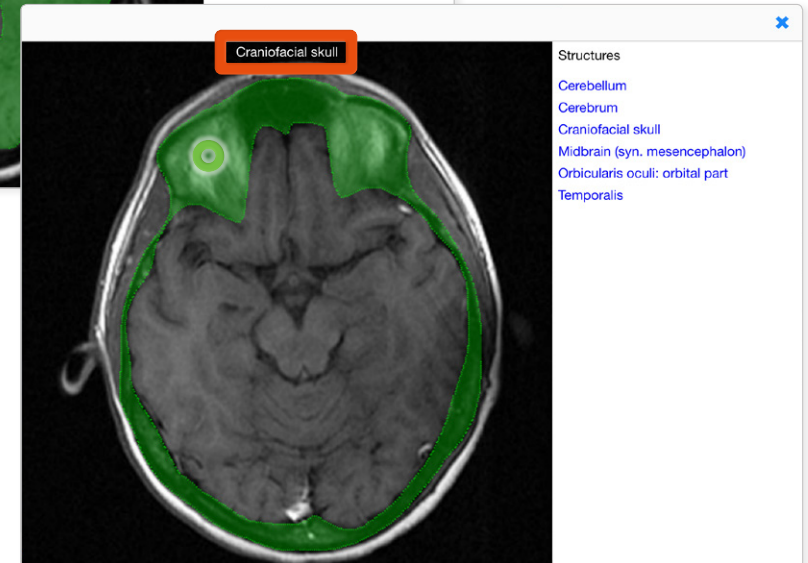
Slides that are selectable have a list of structures down the right hand side.



Tapping a structure name will highlight that structure in green



Alternatively, tap any structure in the image, to reveal its name at the top of the slide



- = TAP
- = PRESS AND HOLD