Welcome to our user guide to 3D Atlas and 3D Human on Anatomy.tv. Please read on, or select one of the links opposite to jump straight to a particular topic.

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RECOMMENDED BROWSERS

For an optimum experience we recommend using one of the following web browsers:

- Chrome
- Microsoft Edge
- Internet Explorer
- Mozilla Firefox
- Safari

Open your web browser and type [www.anatomy.tv](http://www.anatomy.tv) into your address bar or browser search field. This takes you to the home page:
Please type your username and password in the subscriber login fields.

Main navigation
The top navigation bar offers a number of useful links - you may find the Help link, which takes you to our in-depth reference and video tutorials pages, particularly useful.

The Resource centre links to a stock of Anatomy.tv and Primal Pictures information and publicity resources.

Username and Password
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.

Other portals
Athens or Shibboleth users should click on the appropriate link and log in via the Athens or Shibboleth sites.
Once you have entered a valid username and password you'll be taken to the product launch area of the Home page.

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

You can search for content throughout your subscription here.

Products which are accessible via tablet devices are indicated by this icon.
You can find other types of learning materials on the Help pages of Anatomy.tv. These resources can also be accessed via the Help and About panel.

### Transition guides

If you are used to our old user interface, these PDF documents will help orientate you to the new one.

### Point-and-click

This type of help is useful if there is a particular button, icon or user-interface feature you would like to learn about.
Main interface – Overview

The interface consists of three main areas:

Browse panel
Use this panel to navigate through the content. The buttons down the left-hand-side allow you to access this content by media type, structure type or alphabetically. The lower buttons allow you to share, save content, as well as adjust the settings.

View panel
This area is where you can view and interact with content.

Text panel
This panel is where you can read about structures you’ve selected in the View panel. You can also search for content, as well as selecting from the list of Visible structures.

When you first launch the product, the Text panel contains the Help and About section, which can be accessed at any time by clicking on the Help icon.
Main interface –
Opening and closing panels

You can arrange the workspace to suit your needs. 
This can be especially useful on smaller screens or tablet devices.

To open or close the Text panel, click on the header.

To close the Browse panel, click on the active menu tab.

For even more focus, both panels can be closed.
In this example, the view has been enlarged using the Zoom controls.
Finding content – 3D views tab

There are several ways to locate anatomical structures. Firstly, you can browse the 3D views in the Browse panel.

In the 3D views tab, simply click on a folder to open it, then select one of the 3D views contained within for it to be displayed in the View panel.

1. The content is arranged into folders. Simply click on a folder to open it.
2. Each 3D view has a thumbnail preview. Click on the thumbnail (or the title next to it) to load that view into the View panel.
3. The name of the view appears here.
   Use these buttons to move backwards and forwards through your viewing history.
If you know the name, or part of the name, of a structure you can locate it using the Search feature.

1. Begin typing your search term here - the Search panel will appear over the top of the Text or View panel below.

2. The search results will appear below, sorted into folders. (You can uncheck the filters above if you are looking for only a certain type of content.)

3. Open a folder and click on the desired result to load it into the View panel.

4. Once you have completed your search, close the Search panel by clicking on the cross.
Visible structures lists only those structures included in the current view. You can select a structure name from the list to highlight that structure in the View panel.

Alternatively, you can select a structure in the View panel and its name will be highlighted in the Visible structures list.

The ‘cookie-crumb trail’ shows the structure’s location in the anatomical hierarchy.

Select a structure name to highlight it in the View panel.
Identifying structures –
Rollover labels

All selectable 2D and 3D images feature **rollover labels** to help you identify structures.

You can turn off the rollover labels in Settings. For example, you may wish to test yourself on the names of structures in the View panel.

Hovering over a structure with your mouse pointer will reveal the structure’s name.
Every structure in a 3D view is selectable – simply click on a structure and it will highlight.

1. Here, the Procerus has been clicked on.

2. The name of the highlighted structure appears here, followed by detailed anatomical text.

3. Most texts include links to related content.

4. You can deselect structures by clicking on the background.
Every 3D view is made up of a sequence of images. These sequences usually take the form of rotations, enabling you study the anatomy through 360 degrees.

PART OF A HORIZONTAL ROTATION SEQUENCE

SOME SEQUENCES ALSO SHOW VERTICAL ROTATIONS
Interacting with the 3D model – Layers

All 3D views also feature numerous layers. Use the control buttons on the bottom toolbar to navigate through them.

Use the Choose layer button to jump rapidly through the layers.

Up layer

Down layer

EXAMPLES OF HEAD AND NECK LAYERS

Note that when you choose a different 3D view, your layer and frame selection will remain the same in the new view...

... however, if the new view doesn't have that particular layer (or frame), it will be reset to 1.
Interacting with the 3D model – Zoom and Flip

The **Zoom** controls allow a closer look at the model.

Note that the image will become less sharp as you zoom in. As an alternative to using zoom, you may well be able to find a closer view of the structure you are interested in using the **3D views** tab or by using the **Search** feature.

The **Flip** controls are useful when you want to show the opposite side of the body, or change the view’s vertical orientation.

While zoomed in, dragging with the mouse or finger will move rather than rotate the image. If you wish to rotate the image while zoomed, use the **Frame controls**.
Main tabs – Imaging

The Imaging tab features side-by-side viewing panes, enabling you to compare our 3D model with equivalent scans.

Choosing whether to view the Axial, Sagittal or Coronal plane by selecting the thumbnails in the Browse panel.

Clicking on the Best view thumbnail will open that view in the View panel.

Use the Change plane position buttons to move through the slices. By default they control both panes simultaneously. However, you can unlink them by toggling the Unlock images button – useful if you cannot see a particular structure in both panes.

* The Imaging tab features in the 3D Atlas titles; Ultrasound titles; CT and MRI: Thorax, Pelvis and Abdomen; Otolaryngology; Chiropractic; Dentistry; Neuroanatomy.

** The Unlock images button does not appear in Ultrasound titles.
The Slides tab* contains clinical photographs, scans and diagrams, many of which feature selectable structures.

(See the next page for the types of content that are included.)

If a slide has selectable structures, the Visible structures bar will be shown at the bottom of the Text panel. Clicking on it expands the box, revealing the list.

* Slides do not feature in Yoga; Resistance Training; Urology; Anatomy Trains.
Main tabs –
Slides (continued)

The Slides content is divided into four types.

**Anatomy slides** are annotated diagrams or photographs, showing selected areas of anatomical interest.

The **Clinical slides** consist of photographs, scans and diagrams of common and notable clinical conditions.

**Dissection slides** are fully selectable photographs taken from real-life dissections.

The **MRI slides** from the Imaging tab are collected here*, allowing you to export them for use in your own presentations, patient education, and student handouts.

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* The Imaging tab in CT and MRI: Thorax, Pelvis and Abdomen does not contain MRI slides.
Main tabs – Movies

The Movies* tab can contain movies of both the 3D model in motion and real-life movies that demonstrate anatomical concepts.

![Movies of muscle movements in the 3D model]

![Surface anatomy movies]

* Movies do not feature in CT and MRI: Thorax, Pelvis and Abdomen

Chrome browser on desktop only: save movie in **mp4** format. For all other browsers, use the Save tab to save the movie in **mpg** format.

Note that the movie playback controls are specific to the browser you are using.
Main tabs –
Anatomical structures

Use the **Anatomical structures** tab to browse through the entire contents, sorted systemically.

Quick tip: when the Anatomical structures tab is closed, clicking on the Visible structures cookie-crum will open the Anatomical structures tab at the currently selected structure.
Main tabs – Index

Use the **Index** to find content alphabetically.

If there is no content for a particular letter, the folder will be grayed-out.

Each entry is accompanied by an icon, indicating the content type.

- **3D view**
- **MRI**
- **Structure**
- **Animation**
- **Slide**
- **Clinical**
- **Movie**
- **Patient info**
Main tabs – Favorites

Save your favorite 3D views, slides, movies, animations, anatomical structures and clinical articles into your own folders.

Add favorite
Opens the Add favorite dialogue box, where you can specify a name and folder location for your new Favorite.

Save to file
Favorites are stored locally on your computer. If you would like to access them on another computer, you will first need to Save to file. This creates a .txt file which you can then transfer to the other computer.

Opening folders
Open folders by clicking on the arrow to their left.

Selecting a Favorite or a Favorites folder will reveal its Edit and Delete buttons.

Edit
Allows you to rename a selected Favorite or folder or to specify a different folder location.

Delete
Deletes your selected Favorite or folder from the Favorites tab.

Add folder
Opens the Add folder dialogue box where you can specify a name and location for your new folder.

Load from File
Use the Load from file button to import your previously created .txt Favorites file to the new computer.

You can relocate your Favorites and Favorites folders by dragging them from one folder to another.

USER GUIDE: PRIMAL’S 3D ATLAS TITLES
Main tabs – Share

Share views with other Anatomy.tv subscribers.

Copy link
Click this button to generate a hyperlink which you can copy and email to your fellow subscriber.
Links can also be pasted into a Learning Management System to link students directly to content in the products.
Main tabs –
Save

You can save images, movies and text articles, enabling you to add them to presentations, lecture notes, and Learning Management Systems.

**Save image**
Clicking this button will save the current 3D sequence frame, animation frame or slide, according to which type of content is currently shown in the View panel.

If you are currently viewing a Movie, the **Save movie** button will be shown instead.

**Save text**
Saves the text article of the currently selected structure. 
The **Settings** tab has a number of controls which allow you to adjust how you view the 3D model.

**Hiding titles**
Useful for self-testing, these check-boxes allow you to hide the View pane rollover labels or the titles above the View panel and Text panel.

**Swipe speed**
Adjust how quickly you move through the frame sequence while swiping.

**Highlight color**
You can choose a different highlight color to make your selection more visible. The highlight color will also change in selectable slides.

**Background color**
The background color can also be adjusted to make structures more visible. (Currently only available in Chrome browser on desktop.)
Specialist tabs – Animations

Many of our specialist titles also feature an Animations tab.

Animations differ from movies in that they can be rotated and viewed from different angles. Also, structures are selectable in animations.

Use the rotation controls to view the animation from different angles.

The play-head can also be dragged back and forth to examine the motion in more detail.

For the smoothest playback we recommend waiting for the entire sequence to load.

Drag with your finger or mouse to move forwards and backwards through the frame sequence.

You can also use the playback controls to play forwards, pause and play backwards.

* The Animations tab is not available in 3D Atlas titles; Ultrasound titles; CT and MRI; Dentistry.
Many of our specialist titles also include a Clinical tab.

1. Select a clinical article from within the folder list.

2. The clinical article appears in a box at the bottom of the Browse panel. Many of the articles contain links to related content.

3. The Clinical article box will remain open even when you select other tabs. Close it by clicking on the cross.

* The Clinical tab features in Exercise; Pilates; Yoga; Ultrasound titles; Otolaryngology; Chiropractic; Dentistry; Dental Hygiene; Pelvic Floor Disorders; Speech Language Pathology.
Some of our specialist titles also include a **Patient info** tab.

**Specialist tabs – Patient information**

Patient information documents can be saved or printed, or added to PowerPoint presentations or Learning Management Systems.

1. Select a patient info document from within the folder list. The documents may be in PDF or Word format. Word format documents can be edited to suit your requirements.

2. **What is a Flexible Endoscopic Evaluation of Swallowing (FEES)?**

A flexible endoscopic evaluation of swallowing is a procedure used by clinicians to evaluate the safety and effectiveness of swallowing.

Some of the reasons to perform this examination include:

- Dysphagia (difficulty swallowing)
- Cough
- Gagging (the feeling of a lump in the throat)
- Choking
- Reflux (backflow of acidic stomach fluid)
- Pancreatic disease
- Anorexia

**What Happens During a Flexible Endoscopic Evaluation of Swallowing (FEES)?**

The clinician performing the examination may be a speech therapist or a physician.

You will be placed in a supine examination chair and an endoscope (a small tube with a camera) is passed through one nostril, and the structures of the pharynx (throat) and larynx (voice box) are visualized and examined.

The endoscope may be attached to a monitor and projected onto a screen and recorded for later playback and analysis. If a small puff of air is administered through the endoscope to test for aspiration in the pharynx, the examination is called a flexible endoscopic evaluation of swallowing with sensory testing, or FEEST.

*The Patient info tab features in Urology; Pelvic Floor Disorders; Speech Language Pathology.*