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

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Anatomy.tv –
Getting started

RECOMMENDED BROWSERS
For an optimum experience we recommend using one of the following web browsers for using anatomy.tv

- Internet Explorer
- Mozilla Firefox
- Safari
- Chrome

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

This takes you to the home page:
Anatomy.tv – Logging in

Please type your username and password in the subscriber login fields.

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.

The top navigation bar offers a number of useful links – you may find the Tutorials link, which takes you to our in-depth video tutorials page, particularly useful.

The Resource Centre links to a stock of anatomy.tv and Primal Pictures information and publicity resources.
Once you have entered a valid username and password you’ll be taken to the product launch area of the Home page.

If you have your own personal subscription this area is available for you to view and edit.

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

The titles included in your subscription will appear as icons in the right pane.

Products which are also accessible via iPad are indicated by the +iPad icon.

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).
Main interface – Overview

The interface opens with the **Anatomy tab** active. This mode enables you to interact with the 3D model.

The Anatomy tab features three panes:

1. **Viewing window**
   - In the Anatomy tab the **Viewing window** features the 3D Anatomy Viewer.

2. **Text pane**
   - Read detailed text about each anatomical structure.

3. **Browser pane**
   - Select anatomical views, or use the Structures tab to locate structures within the selected view.

**ANATOMY TAB**

- **1** Viewing window
- **2** Text pane
- **3** Browser pane
Finding content – Browsing

There are several ways to locate anatomical structures. Firstly, you can browse the 3D views tab in the Browser pane.

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 Viewing window.
Finding content – Searching

You can also search for a structure by name.

If you know the name, or part of the name, of a structure you can locate it using the **Search** feature.

1. Type your search term here

2. The search results will appear in a Navigation window. Select the desired result from the list

3. The 3D viewer will then update to show that anatomical structure highlighted.
Identifying structures – Structures list

The Structures tab lists only those structures included in the current view. You can select a structure name from the list to highlight that structure in the 3D anatomy viewer.

Alternatively, you can select a structure in the 3D anatomy viewer and its name will be highlighted in the Structures tab list. (Note that you may need to scroll to locate the highlighted entry)

The ‘cookie-crumble trail’ shows the structure's location in the anatomical hierarchy

Select a structure name to highlight it in the 3D anatomy viewer
Identifying structures –
Rollover labels

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

Hovering over a structure with your mouse pointer will reveal the structure’s name.

You can turn off the rollover labels in Settings. For example, you may wish to test yourself on the names of structures in the viewing window.
Interacting with the 3D model – Selecting structures

Every structure in the 3D viewer is selectable – simply click on a structure and it will highlight.

1. Here, the Epicranius 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. These controls can be used to adjust the text pane font size, or print or save the text.
5. You can deselect structures by clicking on the background.
Every 3D view features a sequence of images. These 3D sequences usually take the form of rotations, enabling you to study the anatomy through 360 degrees.

You control the sequence playback using the frame controls on the 3D viewer toolbar.
Interacting with the 3D model – Layers

All 3D views also feature numerous layers. You use the control buttons on the bottom toolbar to Navigate through them.

Use the Choose layer button to jump rapidly through the layers.
Interacting with the 3D model –
Other controls

The **zoom** controls allow a closer look at the model. Use the **Reset zoom** button to quickly return to the default view.

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.

You can **save** or **print** views, enabling you to add them to presentations, lecture notes, and learning management systems. Views are saved and printed with a transparent background.

You can choose from a wide range of **highlight colors**, so that your selected structure stands out from the those around it.

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

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Main interface – MRI tab

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

In the MRI tab, the text pane is located at the top of the interface.

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

Structures selected in one pane will highlight in the other (if visible in both panes).

Note that the MRI slides are taken from a different specimen to our 3D model – therefore, due to anatomical differences, the two views will not match completely.

By default the layer buttons control both panes simultaneously.

However, you can unlink them by toggling the Link slices button – useful if you cannot see a particular structure in both panes.

Use these buttons to choose whether to view the Axial, Sagittal or Coronal plane.
The Slides tab contains clinical photographs, scans and diagrams. The layout is similar to the Anatomy tab. However, the Text pane is replaced by the Browser pane.

1. The top panel contains the Browser pane enabling you to select the different types of content.

2. Many of the slides have selectable structures, as indicated by the Structures in slide list.

3. Structures may be selected in the viewing window, or chosen from the Structures in slide list.
Main interface – Slides tab (continued)

The Slides tab 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 MRI tab are collected here, allowing you to export them for use in your own presentations, patient education, and student handouts.
The **Movies tab** contains both 3D animations and real-life surface anatomy movies. It features a movie Viewing window on the left and a Browser pane on the right.

**MOVIES TAB**

3D animations of muscle movements

Surface anatomy movies

Movies and animations can be saved to your computer for you to use in PowerPoint and other multi-media presentations.

Playback controls
Main interface –
Other controls

The toolbar on the top left of the interface features a variety of useful controls.

Quickstart
View a brief animated introduction to the interface.

Back / Forward
Quickly retrace your steps in the View pane – or move forward again.

Navigation pane shortcuts
These three buttons allow quick access to tabs within the Navigation pane. Learn more about Bookmarks on the next page.

Create weblink
Weblinks enable you to share views with other anatomy.tv subscribers. Click this button to generate a hyperlink which you can copy and email to your fellow subscriber. Weblinks can also be pasted into a Learning Management System to link students directly to content in the products.

Web link - highlight and copy text below:
http://anatomy.tv/gt/tview.aspx?producnname=interactivestructureID=18&mediaID=904936&structureID=1&mediaTypeID=2&productID=442

OK
Customisation – Saving bookmarks

Save your favorite images, slides, movies, and animations into your own folders.

**Bookmark button**

Clicking the Bookmark button brings up the **Navigation box** open at the **Bookmarks tab**. Here you can create and organise your Bookmarks.

- **Create new Bookmark**
  Adds your current image and text article to the Bookmarks folder.
  To access the items you have added at any time, simply click on the names of the structures in this folder.

- **Create new folder**
  Allows you to create a new folder within the bookmarks list, into which you can drag bookmarked content.
  The content of these folders is amendable by dragging content in and out of them.
  If a folder is selected when the user adds a new bookmark, the new bookmark will be automatically added to that particular folder.

- **Edit selected**
  Allows you to rename a selected bookmark or folder.

- **Delete selected**
  Deletes your selected image, text article, or folder from the Bookmarks folder.

**Export all / Export selected**

Bookmarks are stored locally on your computer. If you would like to access them on another computer, you will first need to Export them. This creates an XML file which you can then transfer to the other computer.

**Import**

Use this button to import your previously created XML Bookmark file to the new computer.
Customisation – Adjusting the preferences

You can show or hide various aspects of the interface using the check boxes in the Preferences dialogue box.