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

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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](http://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. Which titles appear here will depend upon your subscription.

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

Products which are also accessible via iPad, Android or Windows tablets are indicated by the relevant icon.

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.

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

This icon indicates that Anatomy and Physiology modules can also be viewed on Android and iPad tablets. See the separate user guides for details.

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.
Module interface – Overview

Once you have selected a module it will appear in a separate browser window.

The module interface is split into four main areas.

1. Navigation menu
   The module’s topics are listed here

2. What you need to know
   Summarizes the content you should be able to understand after studying each topic

3. Text pane
   Contains comprehensive anatomy text with embedded multimedia links, as well as links to supplementary interactive learning activities

4. Viewing window
   Here you will see illustrations, animations and the 3D model
Module interface – Navigation menu

The three buttons above the Navigation menu allow you to access other modules, as well as more help.

1. **Your subscription**
   - Click this button to see all the module launch tiles.
   - Selecting a different title will launch it in the browser window.

2. **Help**
   - Launches text-based help in a new browser window.
   - In-depth video help files can be found on the anatomy.tv Tutorials page.

3. **Module guide**
   - This gives an overview of the content of the module.
   - From here, you may also access a brief instructional video detailing the main features and functions of the module interface.

Navigation menu

The module's topics are listed and selected here.

Each topic is represented by a thumbnail image and title - clicking on either will update the text in the text pane.

If a module contains more than six topics, up and down arrows will become visible. Simply move your mouse pointer over the arrow to scroll up and down the menu.

**Additional content buttons**

The four buttons below the Navigation menu allow you to access specialized 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.

- **Case studies**
  - Case studies are an excellent way to test your knowledge once you have completed a module.

- **Module quiz**
  - Test your knowledge across the entire module. You may want to take the topic quizzes at first to practice.

* Only available if enabled by your course supervisor.
Module interface – 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 main anatomy and physiology text pane.
Text pane

The Anatomy and Physiology text is clearly and concisely written, 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. Clicking on these thumbnails will open the images in the main viewing window.

If you wish to continue reading the topic offline, you can save each topic page out as a PDF.

Within the topic text, you may also find links to interactive learning activities.

Clicking on blue text links will highlight the relevant anatomy structure on a 3D model in the main viewing window.
Module interface – Viewing window

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Viewing window

The viewing window can show 3D sequences, animations, illustrations, clinical slides and dissection slides.

Viewer toolbar

MAXIMIZED 3D SEQUENCE

The Maximize button gives you an enlarged view with a clickable list of visible structures.

Clicking on a structure in the list will highlight it in the viewer.

Key structures

- Attachments of comissura unci
- Attachments of depressor anguli oris
- Attachments of depressor labii inferiors
- Attachments of intercostal muscles and membranes
- Attachments of latissimus dorsi
- Attachments of levator anguli oris
- Attachments of levator labii superiors
- Attachments of longus colli
- Attachments of mentalis
- Attachments of nasalia
- Attachments of orbicularis oculi
- Attachments of pectoralis major
- Attachments of pectoralis minor
- Attachments of platysma
- Attachments of procerus
- Attachments of rectus capitis anterior
- Attachments of scalenes
- Attachments of sternocleidomastoide
- Attachments of temporalis
- Attachments of trapezius
Interacting with the 3D model – Identifying and selecting structures

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

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

2. Clicking on the structure will highlight it. The name of the structure will update.

3. You can choose a different highlight color here.
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.

FRAMES IN A ROTATION SEQUENCE

The current frame and total number of frames is shown here.

Control the sequence playback using the frame controls on the 3D viewer toolbar:

- Previous frame
- Next frame
- Jump back
- Jump forward
All 3D views also feature numerous layers allowing you to study the relationships between the anatomical structures.

MOVING UPWARD THROUGH THE LAYERS

Move through the layers using the layer controls on the 3D viewer toolbar:

- Up one layer
- Down one layer
The **zoom** controls allow a closer look at the model. Click and drag on the image to view different parts of the zoomed image.

You can **save** or **print** views, enabling you to add them to presentations, lecture notes, and learning management systems.

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

Note that the image will become less sharp as you zoom in – if you wish to see an area in more detail it is better to find the relevant topic and view the close-up images there.
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.

To search for structures throughout all of the Anatomy and Physiology modules, use the Search feature located 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. Click on the orange arrow, or press return 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. Clicking on the orange link will open the associated module and show the relevant content

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To search for content within the current module, use the Search button on the module's top toolbar.

1. Type your search term here.

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

3. Click on the Search button, or press return on your keyboard, to display the search results.

4. Your results will appear here, grouped by content type: Title, Slide, Movie or 3D View.
Finding content –
Index: all modules

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

2. The Index will scroll to the initial letter (or number) you have selected.

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

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

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

8. Clicking 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.
You can access each module's content list using the Index button on the top toolbar.

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

2. The Index will scroll to the initial letter (or number) you have selected.

3. Clicking on the speaker icon allows you to hear the pronunciation of that structure, or term.

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

5. Select the blue link to view the relevant content.
Sharing content with other users – Copy weblink

1. You can direct other users to specific content using the Copy weblink button...

2. ...a unique web address is generated

3. Click the copy button

4. You can then share this web address with anyone who has an active subscription to Human Anatomy and Physiology – they can click on the link and access the exact piece of content you want to share with them.

   You can also use this web address to provide a direct link to content from within lesson plans and course material or simply embed it into course information directly within an LMS platform.
Applying your knowledge – Quizzes

Once you have digested the information covered in each topic, you can test your knowledge by taking a quiz.

**Topic quizzes** cover the Anatomy and Physiology content of a particular topic.

**The Module quiz** tests your knowledge across all the topics contained within the module. You may wish to take the individual Topic quizzes first to practice.

* Only available if enabled by your course supervisor

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1. **Topic quizzes** cover the Anatomy and Physiology content of a particular topic.

2. The **Module quiz** tests your knowledge across all the topics contained within the module. You may wish to take the individual Topic quizzes first to practice.

3. You can skip a question by using the question drop-down box in the top left corner. You can revisit this question at any time, however you must submit an answer in order to complete the quiz.

4. Once you have selected your answer to a question, click the **Submit** button, located here. Once you have submitted your answer, it cannot be amended. The result will be displayed immediately.

At the end of each quiz, you will be able to see your points total, indicating whether or not you have passed.

You will be able to review the quiz questions and your answers against the correct responses.
Applying your knowledge –
Case studies

Case studies are also an excellent way to test your knowledge once you have completed a module.

Case studies include questions to test your knowledge and understanding of the causes, symptoms, diagnosis, and treatment of common clinical conditions.

*Only available if enabled by your course supervisor.
Interactive learning activities have similar functionality to the topic and module quizzes. However, their content is specific to the section of text containing the activity banner.

The activities comprise:

- Quizzes
- Click a structure
- Coloring book
- Print and label

The banner links to questions specific to the section of text where it is located.

Alternatively, you can access any of the activities contained in the module via the Interactive Learning Activities contents list.

You can hover over the banner to preview which type of activity it links to. Click on the banner to access the activity.
Click a structure allows you to consolidate knowledge of key structures by carefully guiding you to interact with selected 3D models and illustrations.

1. This activity challenges you to identify the structures listed in the right-hand side panel.

2. Try to identify the structure visually before hovering or selecting to confirm your answer.

3. If you have trouble finding any of the structures, a list of Key Structures is provided at the bottom right of the page. The list can be expanded by clicking on the arrows.
Applying your knowledge – Interactive learning activities: color & label

The Color & label banners allow you to download two types of interactive learning activity:

1. Coloring book
2. Print and label

Hover over the banner to preview which type of activity it links to. Click on the banner to access the activity.

Coloring book activities help you learn relationships between anatomical structures through the use of color-coding. Color the structure name in the list below the image, and the corresponding structure on the model using the same color for both.

The second page of the coloring book features an advanced level where either the structure name, or the letter guides have been removed to make the activity more challenging.

The print and label activities are designed to help you remember key anatomical and physiological principles. Each activity features an illustration with several blank labels, the aim is to fill in the blanks with the correct anatomical structures or physiological processes.

If you need to refresh your memory, you can go back and find the full illustration within the module, at any time.
Additional support for Faculty – Faculty area

1. A dedicated faculty area can be found on anatomy.tv
   Click on the Faculty Area link in the top menu bar, and sign in using your own unique faculty login.

2. The faculty area is designed to provide useful teaching aids, including images, animations, case studies, clinical conditions, and quizzes, in an easy to export format to supplement your teaching.

3. The section header includes information about the content, such as the file type, dimensions, file size and copyright.

4. Click on the module title to jump to the appropriate area of the content list.

5. For the items in the IMAGES content lists, hovering over the title will reveal an image preview thumbnail.
   Click on the content title to download the asset.

6. The Options page allows Faculty to set whether Case studies and Quizzes are visible to students.