Welcome to our user guide to **3D Human 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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The titles included in your subscription will appear in 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).

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 login 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 may 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 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 cursor over the arrow to scroll up and down the menu.

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

- **Your subscription**: Click this button to see all the module launch tiles. Selecting a different title will launch it in the browser window.
- **Help**: Launches text-based help in a new browser window. In-depth video help files can be found on the anatomy.tv Tutorials page.
- **Module guide**: This gives an overview of the content of the module. From there, you may also access a brief instructional video detailing the main features and functions of the module interface.

**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. This section includes an overview of a clinical condition followed by text on its 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.
- **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
2

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.
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.

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.

If you wish to continue reading the topic offline, you can save each topic page out as a PDF.
Module interface – Viewing window

The viewing window can show clinical slides and dissection slides.

Viewer toolbar

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

Clicking on the structure names will highlight them in the viewer.
Interacting with the 3D model – Identifying and selecting structures

All selectable 2D and 3D images 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

Control the sequence playback using the frame controls on the 3D viewer toolbar:
All 3D views also feature numerous layers allowing you to study the relationships between the anatomical structures.

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

- Up one layer
- Down one layer

Layer controls
Interacting with the 3D model –
Other controls

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.
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 & Physiology modules, use the Search feature located on the 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, 3D View, Animation or Topic.

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

7. Clicking on the orange link will open the associated module and show the relevant content.
Finding content – Search within a module

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. If you are looking for only a certain type of content, check or uncheck the tick boxes.
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: Titles, Slides, 3D Views or Topic.
Finding content – Index: all modules

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

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

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

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

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

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

7. 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 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 – and provided they are logged in, they can click on the link and access the exact piece of content you wanted to share with them.

You also use this web address to provide a direct link to content from within lesson plans, course material, or simply embed 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.

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.

* Only available if enabled by your course supervisor.
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.

Click the reveal answer buttons to check if your responses are correct.

* 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 of:

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

Alternatively, you can access any of the activities contained in the module via the Interactive Learning Activity Contents List.

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

2. You can hover over the banner to preview which type of activity it links to.

3. Click on the banner to access the activity.
Applying your knowledge –
Interactive learning activities: click a structure

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 on 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 and label

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

1. Coloring book
2. Print and label

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 the main Human Anatomy and Physiology home page. Click on the Faculty area link in the top menu bar, and sign in using your own unique faculty login.

2. The faculty area has been designed to give you 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: 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.