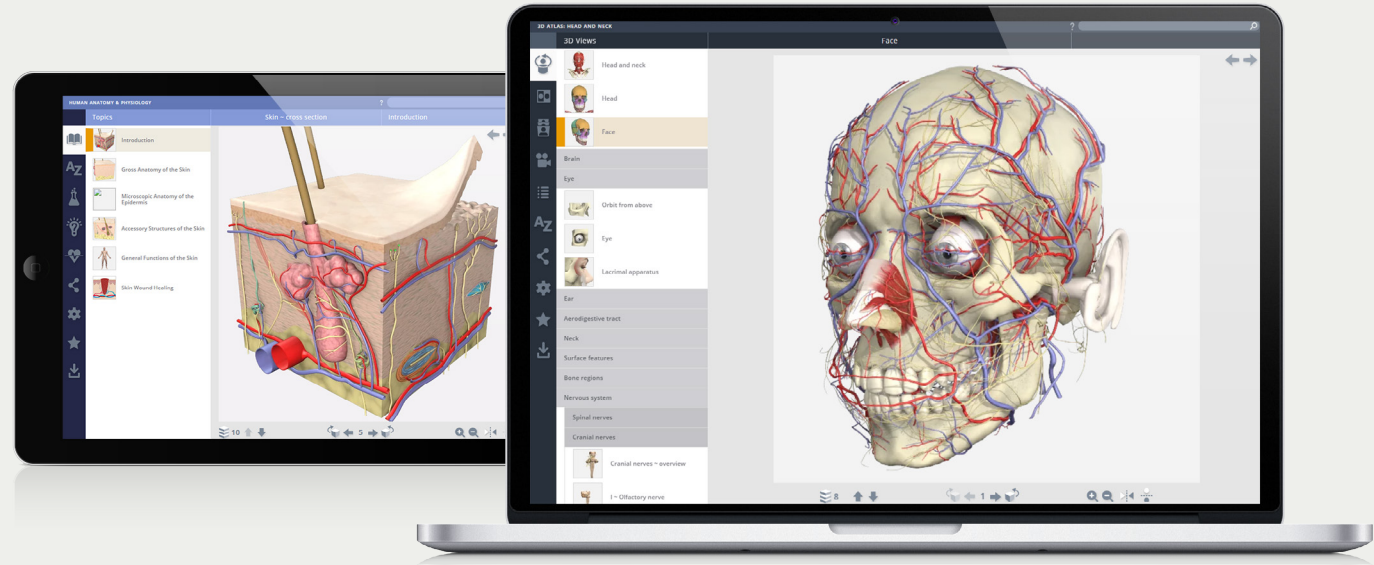


Welcome to our new user interface!

Primal Pictures is launching a brand new user interface for our Anatomy.tv platform. We have completely re-designed our platform to provide a more contemporary, intuitive and consistent experience across the portfolio of Primal Pictures products.



Simple, hassle-free access

We've said goodbye to Flash and with it, the need for plug-ins. Our new HTML5 interface runs seamlessly on all modern browsers and devices, with no need to install or unblock anything at all.

Easier to find and share the content you need

Not only have the products had a facelift, with a new beautiful fresh design, but the layout has been updated too; browse all our content from the left hand toolbar and find that perfect anatomical image in just a few clicks.

Save time, energy and work more efficiently

Know one product, know them all. No matter which product you open – from our 3D Atlas series, to Human Anatomy and Physiology and 3D Real-time – you will locate the content you need more quickly and easily.

Improved product speed

Our new cloud-based content delivery network makes accessing and using our resources faster than ever. Jump right in, explore Primal Pictures and find what you need quickly.

Same unrivalled content

For over 25 years, Primal Pictures has delivered the highest quality and most medically-accurate content, developed by an in-house team of highly skilled anatomists and translated into our products by our seasoned team of graphic artists and 3D modellers. All further peer-reviewed by leading anatomists and subject matter experts to ensure the highest level of accuracy.

Enhancements are scheduled to release across the Primal Pictures product portfolio in early-and-mid 2017

Continue for a
sneak preview

Atlas titles – quick start guide

3D ATLAS: SHOULDER AND ARM

3D Views

- Thorax and arm
- Thorax and shoulder
- Shoulder** (Selected)
- Rotator cuff
- Shoulder girdle
- Shoulder joint: coronal section
- Shoulder joint: sagittal section
- Axilla
- Arm and elbow
- Surface features
- Bone regions
- Nervous system
- Brachial plexus
- Brachial plexus ~ overview

Shoulder

Undo and Redo history

Search

Proximally, **biceps brachii** has two heads, **long** and **short**. The two heads unite in the lower part of the arm.

Proximal Attachment
The tip of the coracoid process.

Nerve Supply
Musculocutaneous nerve (C5,6).

Actions
Biceps is a **powerful supinator**, as well as being a **flexor of the elbow**, particularly if the forearm is supinated. In addition, it **acts to some extent as a flexor of the shoulder**.

Pathology

Biceps Tenosynovitis and Related Pathology
Biceps tenosynovitis, or inflammation of the biceps tendon, is most frequently a degenerative process, with inflammation occurring in the bicipital groove. When located in the intraarticular or extraarticular portions of the tendon, it may be a result of trauma. MR images frequently display increased fluid, nonspecific for inflammation, in the bicipital synovial sheath. Since communication between the joint capsule and the biceps tendon synovial sheath is normal, intrinsic hyperintensity or tendon thickening may be a more specific finding for biceps tendon inflammation. The Yergason test, in which forced supination produces pain in the biceps groove, is helpful in distinguishing biceps tendinitis from rotator cuff impingements. The biceps tendon lies within its groove, which makes it difficult to palpate; in fact, it is impossible to palpate the tendon in the acapsular, intraarticular portion.

Biceps tenodesis in the bicipital groove is the treatment of choice in biceps tendinitis. Because the long head of the biceps tendon (through the biceps labral complex) is known to contribute to both superior and anterior stability of the glenohumeral, there is some concern that this fixation may compromise the stabilizing aspect of the glenohumeral ligament labral complex. However, since chronic biceps tendinitis generally occurs in older patients who are not prone to recurrent instability, the use of biceps tenodesis is not usually contraindicated.

Visible structures

Swipe to rotate

Select 3D views

Select a structure to highlight and display text

Layer up or down through the anatomy

Rotate the 3D model

Zoom in and out

Flip the image

List and select visible structures