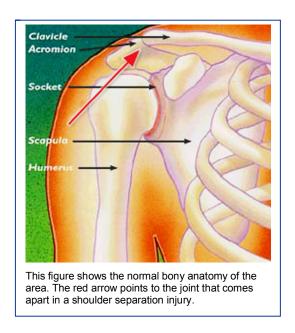


Shoulder Separation

Description

A shoulder separation is not truly an injury to the shoulder joint. The injury actually involves the acromicolavicular joint (also called the AC joint). The AC joint is where the collarbone (clavicle) meets the highest point of the shoulder blade (acromion).



Mechanism of injury

The most common cause for a separation of the AC joint is from a fall directly onto the shoulder. The fall injures the ligaments that surround and stabilize the AC joint.

If the force is severe enough, the ligaments attaching to the underside of the clavicle are torn. This causes the "separation" of the collarbone and wingbone. The wingbone actually moves downward from the weight of the arm. This creates a "bump" or bulge above the shoulder.

The injury can range from a little change in configuration with mild pain, to quite deforming and very painful. Good pain-free function often returns even with a lot of deformity. The greater the deformity, the longer it takes for pain-free function to return.

□ A mild shoulder separation involves a sprain of the AC ligament that does not move the collarbone and looks normal on □-rays.	
□ A more serious injury tears the AC ligament and sprains or slightly tears the coracoclavicular (CC) ligament, putting the collarbone out of alignment to some e tent.	
☐ The most severe shoulder separation completely tears both the AC and CC ligaments and puts the AC joint noticeably out of position.	
	This figure shows the intact ligaments around the acromioclavicular joint. The red arrow points to the ligaments that are around the joint itself. The gray arrow points out the important stabilizing ligaments underneath the collarbone.
Diagnosis	
Treatment Nonsurgical Treatment □onsurgical treatments, such as a sling, cold packs, and medications □ometimes, a doctor may use more complicated supports to help less Most people return to near full function with this injury, even if there is □ome people have continued pain in the area of the AC joint, even with	en AC joint motion and lessen pain. a persistent, significant deformity.
Lome people have continued pain in the area of the AC joint, even will due to □	n only a mild deformity. This may be
□ Abnormal contact between the bone ends when the joint is in m	otion
□ □evelopment of arthritis	
 Injury to a disk-like piece of cushioning cartilage that is often for joint 	und between the bone ends of this
It is often worthwhile to wait and see if reasonable function returns without surgical treatment.	
Surgical Treatment □urgery can be considered if pain persists or the deformity is severe. back the end of the collarbone so that it does not rub against the across	
□ here there is significant deformity, reconstructing the ligaments that attach to the underside of the collarbone is helpful. This type of surgery works well even if it is done long after the problem started.	
☐ hether treated conservatively or with surgery, the shoulder will requimotion, strength, and fle⊡bility.	re rehabilitation to restore and rebuild

□ast reviewed □□ ctober □□□□

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