

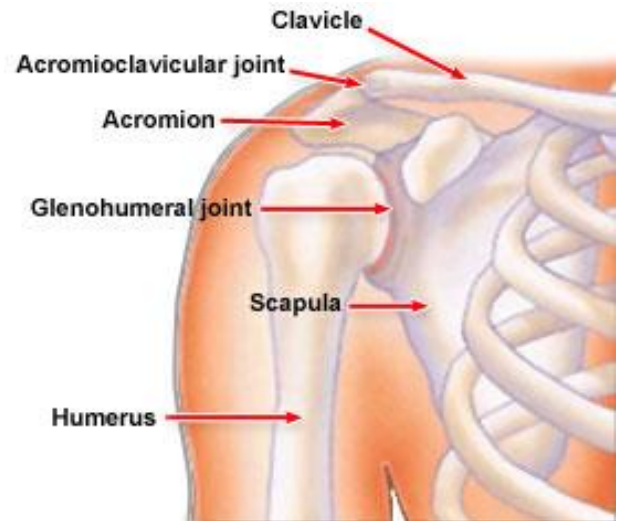
## About Shoulder SLAP Lesion Repair

### What is Arthroscopic surgery for SLAP tears?

The shoulder joint is a shallow ball and socket that allows good flexibility and motion to move the arm. Around the edge of the glenoid cup there is a bumper called the Labrum. Certain shoulder injuries, such as overhead throwing, can result in tears of the labrum, called SLAP tears for Superior Labrum Anterior to Posterior. This is where the biceps tendon attaches to the top of the glenoid.

Some patients with tears in the labrum do not improve with rest and physical therapy. In this case we perform arthroscopic surgery to repair or clean up the torn labrum.

Arthroscopy (arthro=joint, scope= camera) is a minimally invasive technique that allows us to look inside the shoulder to see exactly all that is injured or damaged. With small incisions there is less pain and trauma to the rest of the shoulder.



### Preparing for surgery

We'll have you stop certain medications before surgery, such as aspirin or anti-inflammatory medications (Ibuprofen, Naprosyn, Advil, Motrin, Celebrex, etc.) one week before surgery since they can cause bleeding. Depending on your age and medical history, we may have you see your regular physician and undergo some blood tests and an EKG before surgery.

### What you can expect on the day of surgery

The surgery is performed in an outpatient setting, which means you can go home the same day. We'll have you show up at the outpatient surgery center about one hour and a half before your surgery. The nurses will register you, shave and prep the surgery area, and place an IV and start the preventative antibiotics.

Arthroscopic SLAP lesion procedures are done under general anesthesia, which means you will be completely asleep and then wake up comfortably after the procedure is completed. Most patients also have an additional nerve block, to help keep the shoulder numb and comfortable for about 12-18 hours after surgery. The anesthesia doctor will also talk to you before surgery to review your medical history and answer any questions.

After surgery is over, you'll remain at the surgery center for about an hour to wake up from anesthesia. A friend or family member will have to drive you home to be safe, and someone should plan to be with you for at least the first 24 hours.

### When you get home from surgery

We like patients to relax at home for about 1-2 days. You'll be able to get up a bit and go to the kitchen or bathroom, but it's wise to rest and relax for at least a few days. In order to start driving, you'll need to be off of the narcotic pain medications, and you have to be able to control a car safely.

You'll be wearing a special sling to stabilize the shoulder and limit the motion of the arm for 4 weeks. The repair needs to be protected until adequate healing of the labrum to bone occurs. If you are careful and sitting down, you may remove the sling and keep the arm in your lap. Waist level activities such as keyboarding or writing are reasonable, as long as you are careful and do not lift the arm. Whenever you are up and around, and also while sleeping, you must keep the sling on.

### **Recovery and Physical Therapy**

You will come back to see us in the office one week after surgery. At that visit we'll make sure your incisions are healing well and remove your stitches. We'll plan to keep you in the sling for a total of 4 weeks after surgery.

A strong commitment to rehabilitation is important to achieve a good outcome after SLAP repair. A supervised physical therapy program is necessary to regain strength and function in the shoulder.

Rehabilitation progresses in stages. Initially, you'll be in the sling for the first 4 weeks. After 4 weeks, we'll arrange supervised physical therapy to start motion of the shoulder. The first phase is just to work on range of motion exercises without any strengthening. After 4-6 weeks of PT, a light strengthening program will be started. This isn't heavy weight training, but specific rotator cuff and shoulder blade strengthening to gradually restore shoulder function.

Most patients have a functional range of motion and adequate strength by 4 to 6 months after surgery, and complete recovery may take even a year after surgery. Return to a throwing program is closer to a year after surgery.

### **Getting back to work and sports after SLAP Lesion Repair**

Getting back to work depends on the demands of your job. Sitting up for desk work can usually be started around a few days after surgery, especially if you can keep the arm at your side and use an ice pack at your desk. Before you can return to heavy work it will likely be 4-6 months. The same goes for heavy overhead sports or weight training.

In order to be able to return to sports and fitness, you'll need to take an active role in your rehabilitation to have good strength, endurance, and flexibility. You will need to work consistently on the exercises you learn in physical therapy. Usually at about the 6 month mark, you'll have good flexibility and strength and will be able to gradually return to sports and fitness. It's always wise to incorporate the exercises you did in physical therapy as part of your own exercise program.

### **Long-term prognosis after surgery**

After shoulder SLAP lesion repairs, 80% of patients achieve a satisfactory result, with good restoration of strength and shoulder function. Not every patient will return to heavy overhead lifting or throwing, especially if the rotator cuff tendons have some damage also. Some patients can have some residual pain along the biceps tendon, since the superior labrum is where the biceps attaches.

In general, the best chance for a good result after SLAP lesion repair is to follow instructions to allow the shoulder to heal, then be diligent in physical therapy with the exercises you are shown.

### **Possible risks and complications**

All surgery has risks of bleeding, infection, damage to nerves and arteries, stiffness, blood clots, and persistent pain. These complications are uncommon after arthroscopic shoulder surgery.

A significant concern after arthroscopic shoulder surgery is to regain full flexibility, and about 1-2% of patients have difficulty tolerating the physical therapy and require a second operation to break up the scar tissue. The best way to decrease this risk is to be diligent in the exercises learned in physical therapy.

The risk of severe complications from general anesthesia, such as death, heart attack or stroke, are very low, especially for patients with good general health.

### **Questions?**

If you have any questions, be sure to call us at 925-600-7020.