What is a humeral head cartilage defect?

The shoulder joint consists of the humeral head and glenoid of the scapula which glide against each other as you move. Cartilage is the slippery shock absorbing material that covers the ends of bones to allow pain free movement. A humeral head cartilage defect disrupts this surface which can lead to pain and loss of movement. If these defects are not treated they typically grow in size and depth until the pain is unmanageable.
Why does my shoulder hurt?

Your doctor can evaluate your shoulder and determine the cause of your shoulder pain. One of the common shoulder injuries is cartilage defects of the humeral head (shown below). These typically occur as a result of injury or normal wear and tear. If your doctor has determined you have such a problem then BioPoly RS may be right for you.

What is the BioPoly RS Device?

BioPoly RS is an implant utilizing an advanced biomaterial to resurface (RS) cartilage defects. The BioPoly RS material contains hyaluronic acid, a naturally occurring biomolecule found in the joint fluid. This gives the implant enhanced lubricity and allows the humeral head and glenoid to glide against each other without causing pain or additional damage.

So what does this mean?

Your doctor can now replace only the damaged portion of cartilage with an implant that interacts favorably with the surrounding tissues. Since the implant and procedure are minimally invasive you can recover rapidly and return to a pain free active lifestyle quickly.

How much time will I be off work and what is the recovery process?

Only you and your doctor can determine the exact amount of time you will need to recover before going back to work but, however, the BioPoly RS implant allows you to use your shoulder immediately, resulting in rapid rehabilitation and return to activity.

Visit our website www.biopolyortho.com to find a doctor.