

BioPoly® RS Patella System

PATIENT PAMPHLET

What is a patella cartilage defect?

The knee joint consists of three bones; the femur; the tibia, and the patella or knee cap. The patella glides against the femur as you move. Cartilage is the slippery shock absorbing material that covers the ends of bones to allow pain free movement. A patella 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.

BioPoly® RS
Patella System



BioPoly®

Advancing Materials. Advancing Outcomes.

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Is your knee pain causing you to do less of the activities you enjoy?

BioPoly RS might be right for you.



Partial Resurfacing patella
implant made from polyethylene and
hyaluronic acid

Why does my knee hurt?

Your doctor can evaluate your knee and determine the cause of your knee pain. One of the common knee injuries is cartilage defects of the patella (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.



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

What are my surgical options for treating my knee pain?

Only you and your doctor can select the treatment that is best 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 femur and patella 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 begin walking immediately, resulting in rapid rehabilitation and return to activity.

