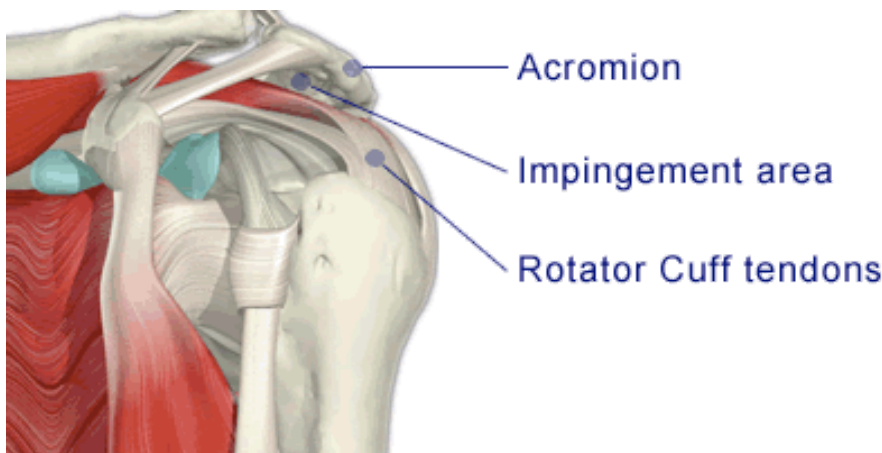




Information for patients regarding supplement of PRP injection to enhance healing of rotator cuff repair

What is Platelet-Rich Plasma?

Platelet Rich Plasma (PRP) is blood plasma with concentrated platelets (the body's repairmen for damaged tissue). The concentrated platelets found in PRP contain growth factors that are vital to initiate and accelerate tissue repair and regeneration. These bioactive proteins initiate connective tissue healing and repair, promote development of new blood vessels, and stimulate the healing process.



How does PRP Therapy Work?

Blood will be taken from you and then placed in a machine that spins at high speed to separate the different types of blood cells. The surgeon will extract the platelet rich part of the blood and inject this into the area of the rotator cuff repair. The entire process to prepare your blood takes about 15 minutes and increases the concentration of platelets and growth factors at the site of injury up to 500%. By having a PRP injection, it hopes to stimulate your body's ability to heal the repaired rotator cuff.

What are the Potential Benefits of Treatment?

We have observed that patients that had PRP supplement to their rotator cuff repairs had substantially less pain postoperatively. We believe that the PRP enhances recovery, we do not have clear scientific evidence for that yet, but there are some case studies that show this. A major advantage of this treatment is that no foreign substance is used but the patient's own growth factors from his own blood. There is no risk of any disease transmission.



What are the possible risks or complications of this procedure?

Same as with any surgery for rotator cuff repair.

It is recommended that you do not take any anti-inflammatory medications at least a week before this procedure and for up to 6 weeks after.



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Industry Relationships

Reading Shoulder Unit surgeons and scientists may collaborate with the pharmaceutical or medical device industries to help develop medical breakthroughs or provide medical expertise or education. Reading Shoulder Unit strives to make scientific advances that will benefit patient care and support outside relationships that promise public benefit. In order for the discoveries of Reading Shoulder Unit surgeons' and scientists' laboratories and investigations to benefit the public, these discoveries must be commercialised in partnership with industry. As experts in their fields, Reading Shoulder Unit surgeons and scientists are often sought after by industry to consult, provide expertise and education. To assure professional and commercial integrity in such matters, Reading Shoulder Unit maintains a program that reviews these collaborations and, when appropriate, puts measures in place to minimise bias that may result from ties to industry. In publicly disclosing this information, the Reading Shoulder Unit tries to provide information as accurately as possible about its surgeons' and scientists' connections with industry.

Professor Levy has a professional relationship with the company that makes the Verso prosthesis. He helped design it and acts as their Chief Medical Advisor and Company Secretary. However, he does not receive any money, royalties, or financial rewards when this device is used. He holds shares in the manufacturing company in lieu of granting the patent. He is telling you this so you have full transparency. He believes this is the best device for your specific medical needs, but you are completely free to ask for an alternative or a second opinion





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