

Dr Joe Coory

SHOULDER & UPPER LIMB SURGEON

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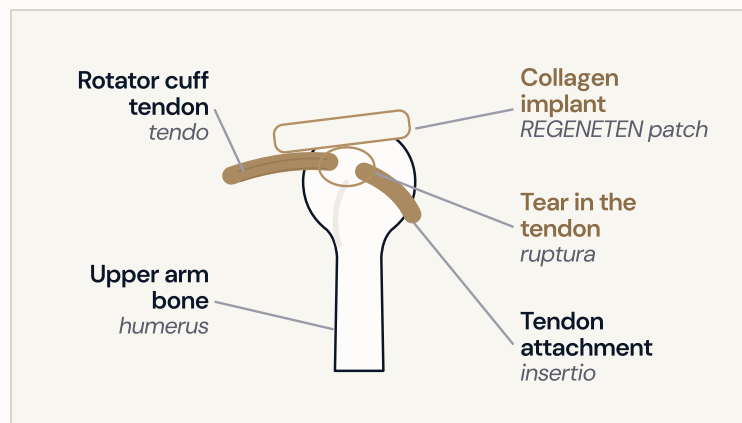
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UNDERSTANDING YOUR TREATMENT

Regeneten patch

A small collagen patch placed on your rotator cuff tendon during keyhole surgery. It encourages your own body to grow new tendon-like tissue, so the tendon heals thicker and stronger.



WHAT IT IS

The implant is a patch of **collagen**, the natural material tendons are made of, and it is roughly the size of a postage stamp. It is attached to the outside of your rotator cuff tendon through keyhole surgery.

The patch works as a **scaffold**: your own cells grow into it and lay down new tendon-like tissue. Over time your body absorbs the patch and the new tissue remains, so the tendon ends up thicker than before.

It can be used in two ways:

- **On its own:** for many partial tears, where the tendon is worn but still attached, the patch can take the place of the stitches and anchors of a standard repair.
- **Added to a repair:** for a full tear, Dr Coory first repairs the tendon with stitches and anchors in the usual way, then lays the patch over the top to reinforce the healing tendon.

WHY IT IS USED

A tendon that is already worn or thin can tear again after it has been stitched back down. Growing new tissue into the tendon gives the repair more to hold onto, which lowers the chance of another tear. Dr Coory will tell you whether it suits your tear.

WHAT TO EXPECT

- The patch is placed during your keyhole surgery, through the same small cuts. It does not add a separate operation or a separate scar
- Where the patch is used on its own, some patients spend less time in a sling and get back to work sooner than after a standard repair
- New tissue grows gradually over months, so the strength of the tendon keeps improving well after the shoulder feels comfortable
- Your sling, exercises and return to activity still follow the plan for your operation. Your rehabilitation sheet is the guide to follow