

Unique technique to heal rotator cuff

Hyderabad: A rotator cuff tear has been repaired through an innovative technique by a city based Shoulder and Knee Specialist, Dr Raghuv eer Reddy. The surgery was performed using a device, called 'Arthrotunneler'. This new procedure is done without an implant and therefore ensures biological and natural healing of the rotator cuff tear. Dr Raghuv eer said, "Rotator cuff is a structure around the shoulder joint which covers the joint like a cuff and functions as joint stabilizer.

Tear of any of these muscle or all the muscles is known as rotator cuff tear leading to shoulder joint pain, restricted joint movement and weakness of shoulder." He said, "Treatment of rotator cuff is through surgical repair, which consists of fixing back torn cuff to the original site which is the cuff footprint. The repair technique for cuff tears has gone through various transitions, starting from open transosseous, to mini open transosseous and many more."

Dr Raghuv eer said that in this procedure, no implants are used for repair, only absorbable threads are used which are passed through tunnels to repair the cuff and thus the patient does not have any implant in his body, lifelong. Another important advantage is that as the tunnels are drilled through the bone, the bone marrow which contains healing factors is stimulated and comes in contact with repair site. The benefit of this instrument is that it can also be done by general Orthopaedic surgeon.

The device Arthrotunneler is being imported from the US. Dr Raghuv eer Reddy in collaboration with a Mumbai-based Orthopaedic instrument and Surgical Company, intends to indigenously manufacture the instrument.

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