

OrthoATI™

innovative treatment for
chronic tendon injuries

Summary of
clinical evidence



Long term data in tennis elbow (lateral epicondylitis)¹.

Lateral epicondylitis (LE) is the most commonly diagnosed condition of the elbow. It occurs mostly in patients whose activities require strong gripping or repetitive wrist movements. Although LE generally resolves within 6 months, approximately 10% of patients continue to experience persistent pain and loss of function after 6 months of conservative treatment.² This results in significant disability, health care use, lost productivity and financial cost.

16

Patients



9 Male



7 Female

47.8

Mean age

29

Months average duration of symptoms



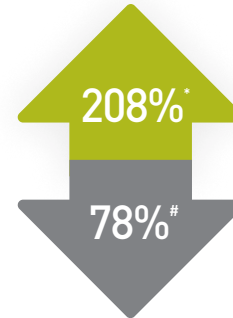
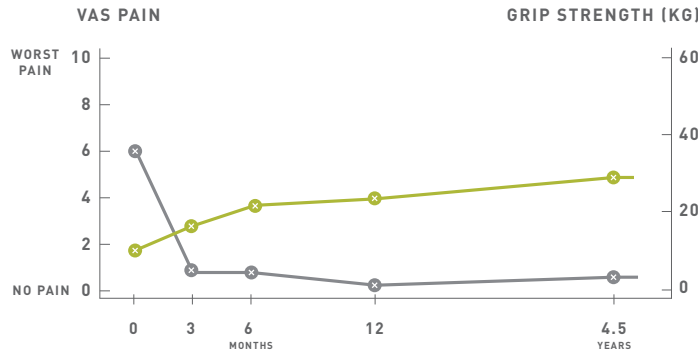
All patients failed one or more steroid injections



All conservative treatment options exhausted

1

Treatment of OrthoATI™ resulted in:



*Increase in grip strength

Reduction in pain

Maintained at 4.5 years

1. Evidence for the Durability of Autologous Tenocyte Injection for Treatment of Chronic Resistant Lateral Epicondylitis - Mean 4.5-Year Clinical Follow-up Am J Sports Med. 2015 Jul;43(7):1775-83.
 2. The Epidemiology and Health Care Burden of Tennis Elbow: A Population-Based Study. Sanders et al. Am J Sports Med. 2015 May;43(5):1066-71.

Long term data for gluteal tendinopathy¹.

Gluteal tendinopathy is a common cause of lateral hip pain and is frequently described as a constant ache on the side of the hip. Pain is often at its worst in the morning, leaving patients unable to perform their normal daily activities. Recurring symptoms are common after standard conservative treatments.

12

Patients

52.6

Median age

33

Months average duration of symptoms

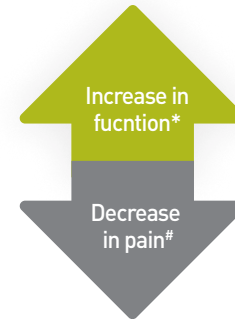
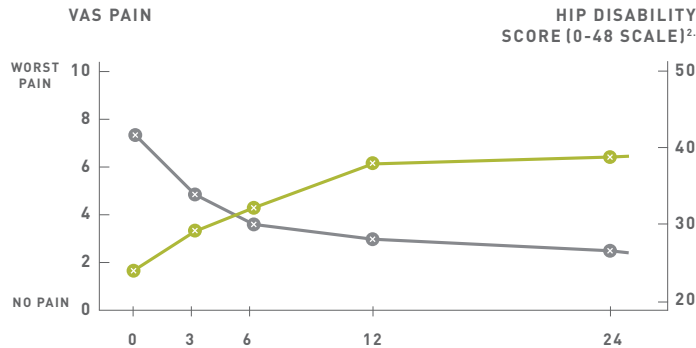
3.2

Average corticosteroid injections per patient



All conservative treatment options exhausted

1
Treatment of OrthoATI™ resulted in:



* Average improvement of 15 points represents a meaningful increase in hip function

#Rapid decrease in pain sustained out to 24 months

Maintained at 2 years

1. Autologous Tenocyte Injection for the Treatment of Chronic Recalcitrant Gluteal Tendinopathy - A Prospective Pilot Study Orthop J Sports Med. 2017 Feb 21;5(2):2325967116688866.

2. Oxford Hip Score - Questionnaire on the perceptions of patients about total hip replacement. J. Bone Joint Surg Br. 1996 Sep, 78(5):856

Workers compensation data¹.

Tennis elbow (lateral epicondylitis) is painful, difficult to treat and has a long period of recovery. It is a common work-related injury that may require extended periods of sick leave or restricted duties.

OrthoATI™ was used to treat a group of patients (n=24) with long-term symptoms of tennis elbow (average of 2 years) and who failed to respond to other treatments.

Patients who needed time off work due to their injury missed an average of 141 days. When they did return to work, patients had restricted duties or reduced hours.

“Before having the treatment I underwent three lots of surgery and had pretty much accepted I would never be 100% again. I have experienced a 100% recovery, I am pain free, able to exercise and run without issue. I have been able to continue my job as a tactical flight officer.”

Dean Allison

24

Patients



14 Male



10 Female

46

Median age

23.7

Months
average duration
of symptoms

78%

Of patients had multiple
treatments with an average
of 3 treatments per patient

After a single OrthoATI™ treatment:

88%

Of patients were able to
return to work within 1-3
months of treatment

70%

Of patients were able to
return to work with no
restrictions to their duties

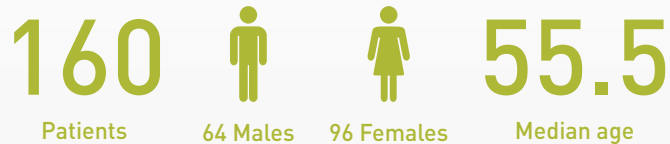
75%

Of the patients who were manual
labourers were able to return to
work without restriction

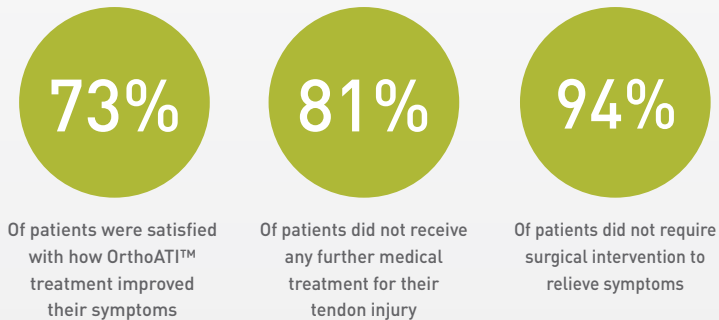
1. Autologous Tenocyte Injection (ATI) for the Treatment of Compensating Occupationally Related Lateral Epicondylitis – A Retrospective Case Study (Presented at TOBI congress 2018)

Annual quality survey data¹.

The annual quality survey (AQS) has been administered four times between 2016 and 2020 with one hundred and sixty patients responding. The AQS evaluates patient satisfaction with their treatment.



Results across all treatment areas:



1. OrthoCell Annual Quality Survey 2016 - 2020

"Prior to OrthoATI™ I had corticosteroid injections, blood/PRP injections and three separate surgeries and nothing worked. I could not walk 2kms without severe swelling and pain. I was in constant pain every night and for three years I woke at 3am in severe pain. Four weeks after the injection I walked 12km's, slept soundly and exercised without a limp. I can also run again".

Jane Naughton





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