

Ortho-ATI® Case Study Publication

- Ortho-ATI® for rotator cuff tendon repair featured in peer-reviewed paper “**Physical Therapy in Sport**”, subscribed by **leading sports and exercise medicine and rehabilitation professionals**
- The case study shows Ortho-ATI® enabled elite athlete, **to return to competitive swimming and resume normal daily activities**
- Further **clinical validation** of Orthocell’s Ortho-ATI® cellular therapy for tendon repair

Perth, Australia; 08 November 2017: Regenerative medicine company Orthocell Limited (ASX:OCC, “Orthocell” or the “Company”) is pleased to announce the publication of a case study for an elite athlete with shoulder tendon pain in *Physical Therapy in Sport*, an international peer-reviewed journal. This follows the patient testimonial provided within Orthocell’s recent announcement on 7 November 2017 titled “Orthocell commences treatment of its 1,000th patient”.

The case study relates to an elite athlete with shoulder pain who had withdrawn from an international swimming competition (in mid-August 2014) due to pain in the right shoulder, which required a reduction in swimming load and was unable to complete any speed work. In an attempt to return to elite swimming, the patient underwent a range of conventional therapies including physiotherapy, injection therapy (local, cortisone and Platelet Rich Plasma (PRP)), alternative therapies and de-loading of the tendon, all without success. As the athlete’s symptoms were recalcitrant to all these interventions, the decision was made to trial Ortho-ATI®.

For this case report, three independent radiologists (all musculoskeletal specialists with greater than 10 years’ experience), who had no prior knowledge of the case, were asked to report on both pre - and post intervention MRIs. All three radiologists confirmed significant improvement in tendon morphology with two of the three assessors stating the tendon had completely healed following Ortho-ATI®.

Following treatment with Ortho-ATI®, the patient resumed modified training in the pool at 2.5 weeks, and gradually progressed to full training over 3-4 weeks, and was pain free at 7 weeks post-intervention.

Orthocell’s Managing Director Paul Anderson commented: “*This publication further validates our exciting Ortho-ATI technology, as we continue to build strong clinical evidence and in-market validation of the safety and effectiveness of our technologies for the repair and regeneration of treatment resistance tendons.*”



Orthocell's Ortho-ATI® for tendon repair is a breakthrough technology addressing the underlying pathology of tendon. The treatment accelerates regeneration of injured tendons and allows patients to return to recreational activities, the workplace and competitive sports.

A link to the publication is provided below:

<https://www.orthocell.com.au/new-page-1/>

Physical Therapy in Sport is an international peer-reviewed journal that provides a forum for the publication of research and clinical practice material relevant to the healthcare professionals involved in sports and exercise medicine, and rehabilitation.

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About Orthocell Limited

Orthocell is a regenerative medicine company focused on regenerating mobility for patients by developing products for the repair of a variety of tendon, cartilage and soft tissue injuries. Orthocell's portfolio of products include TGA-licensed cell therapies Autologous Tenocyte Implantation (Ortho-ATI®) and Autologous Chondrocyte Implantation (Ortho-ACI®), which aim to regenerate damaged tendon and cartilage tissue. The Company's other major product is CelGro®, a collagen medical device which facilitates tissue repair and healing in a variety of orthopaedic, reconstructive and surgical applications and is being readied for first regulatory approvals.

For more information on Orthocell, please visit www.orthocell.com.au or follow us on Twitter **@OrthocellLtd** and LinkedIn www.linkedin.com/company/orthocell-ltd

