

## Effect of Low Level Laser for Athletic Achilles Tendinopathy: A Systematic Review

**Authors :** Sameh Eldaly, Rola Essam

**Abstract :** Objective: The purpose of this study was to determine the benefits of low-level laser therapy for Athletic Achilles Tendinopathy. Data sources: Search strategies were conducted on 2 Randomized control trial and one pilot study. Results: three trials (103 participants) were analyzed. Laser therapy associated to eccentric exercises, when compared to eccentric exercises and placebo, had low to very low certainty of evidence in pain and function assessment. Conclusion: those three trials evidenced low to very low effect of LLLT, and the results are insufficient to support the routine use LLLT for Achilles tendinopathy.

**Keywords :** achilles tendinopathy, evidence-based, low-level laser therapy, review

**Conference Title :** ICTPT 2023 : International Conference on Treatments in Physical Therapy

**Conference Location :** Cairo, Egypt

**Conference Dates :** December 18-19, 2023