

MEETING ABSTRACT

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Trigger finger genetics and its tendon pathology

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From 10th Congress of the Asia-Pacific Federation of Societies of Surgery for the Hand and the 6th Congress of Asia-Pacific Federation of Societies of Hand Therapists
Kuala Lumpur, Malaysia. 2-4 October 2014

The pathogenesis of trigger finger has generally been ascribed to primary changes in the first annular ligament. In contrast, we recently found histological changes in the tendons, similar to the findings in Achilles tendinosis. When we looked further for more similarities we found differences in gene expression in the trigger finger tendons in comparison to normal tendons, in a pattern similar to what is published for Achilles tendinosis. We also found SNP (Single Nucleotide Polymorphism) pattern difference with similarities with what is published for Achilles tendinosis.

Published: 19 May 2015

doi:10.1186/1753-6561-9-S3-A64

Cite this article as: Lundin: Trigger finger genetics and its tendon pathology. *BMC Proceedings* 2015 **9**(Suppl 3):A64.

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