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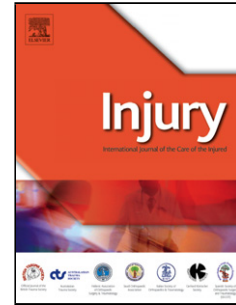
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A new sign allowing diagnosis in the pathologies of the extensor tendons of the hand.

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ABSTRACT

Introduction

The thorough knowledge of the anatomy of the extensor tendon system of the hand is crucial for clinical examination and detection of tendon injuries. The Juncturae between the EDCII and other extensor tendons presents different incidences, shapes ("r" or "y") and morphologies (Type I, II, III). The EIP does not receive connection. These characteristics may result in variable effects on extensor tendons during active finger movements. The purpose of this study is to investigate and describe a new sign helping diagnosis for injuries or pathologies of EIP and EDC index finger (EDC II), based on a cadaveric dissection and clinical observation.

Materials and methods

The authors performed a clinical observational study in 520 patients in order to distinctly evaluate by means of inspection and palpation the EIP and EDC II tendons and an anatomical

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