

Result of study managed in 6 years-needle aponeurotomy technique

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Introduction

Unknow etiology of this disease but known factors which stimulate changes on

1. palmar fascia /Dupuytren sy/ MC and PIP contracture
2. plantar fascia, /Ledderhose sy/
3. dorsal code penis /Peyreonis sy/ Baron Dupuytren started with this technik in 18/19 centures.

Purpose

Physical treatments do not show positive effects. Surgical treatment of this disease means invasive treatment, long imobilisation, prolong rehabilitation with possible side effect.

Material and method

In a six years 80 patients have been treated for palmar aponeurosis, 15 patients for plantar aponeurosis and 5 patient for dorsal code penis. Needle aponeurotomy is a kind of treatment, done at our patients clinic with aseptic precautions in a local anesthesia using 2ml+ 2,5% 2ml acetat prednisolona. Treatment last for 15 to 20 minutes, bandages up to three days with at the same time normal daily activities, except for watering the first three days. Results Our study had significant results using needle aponeurotomy technique, that means corections of the finger contracture. Two patients had broken skin during treatment. One patients had minor infection. Two patients have been treated after operative treatment / five years back / with no positive results. One patient have medium result.