

Original Article

Finger Stiffness Measured by Goniometry Method—A Simple Useful Tool for Early Diagnosis of Reflex Sympathetic Dystrophy After Colles' Fracture

用測角器方法測量手指僵硬度是一種簡單而有效的工具，能在早期診斷出 Colles 骨折後交感神經反射障礙症

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Abstract

We assess the finger joint stiffness by measuring the active range of motion of all metacarpophalangeal, proximal interphalangeal, and distal interphalangeal joints of the involved hand with a hand goniometer. It is then compared with the normal hand for the effective range of total motion and thereby using it as a quantitative, qualitative, and reproducible method for early diagnosis of reflex sympathetic dystrophy after Colles' fracture. It is sensitive and specific.

中文摘要

我們用測角器測量全部的掌指關節(MCPJ)，近端指骨間關節(PIPJ)及遠端指骨間關節(DIPJ)的運動的範圍來評估手指的僵硬度。量度正常及病變的兩手而計算總關節活動範圍之差，能在早期診斷出 Colles 骨折後交感神經反射障礙症。它是敏感和準確的方法。

Keywords: *finger stiffness, goniometry, reflex sympathetic dystrophy*