



EVALUATION OF THE OUTCOME AFTER TENDON TRANSFER SURGERY FOR REANIMATION OF THE THUMB AFTER NERVE INJURY OF THE UPPER LIMB

Thesis

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Faculty of Medicine
Cairo-University*

By

YOUSSEF AHMED YOUSSEF KHACHABA

(M.B.,B.Ch.; MSc.)

Faculty of Medicine - Cairo University

Supervised By

Prof. Dr. /Ahmed Gamil Elsharkawi

*Professor of general and plastic surgery
Cairo University*

Prof. Dr. /Ashraf Nehad Moharram

*Assistant Professor of orthopedic surgery
Cairo University*

Prof. Dr. /Hatem Mahmoud Helmy

*Assistant Professor of general and plastic surgery
Cairo University*

Faculty of Medicine
Cairo University
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

سَنُرِيهِمْ ءَايَاتِنَا فِي الْأَفَاقِ
وَفِي أَنْفُسِهِمْ حَتَّىٰ يَتَبَيَّنَ لَهُمْ أَنَّهُ
الْحَقُّ أَوَلَمْ يَكْفِ بِرَبِّكَ أَنَّهُ
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ABSTRACT

Peripheral nerve injuries in the upper limb have a high incidence rate, and lead to a profound negative effect on the thumb function that contributes with 40% of the overall hand function. Tendon transfer surgery is an important method for thumb reanimation in selected cases of injuries of median, ulnar and radial nerves, to restore function and balance to the hand. Knowledge of the hand anatomy and biomechanics, and following the rules of surgical planning and rehabilitation is essential for success.

KEY WORDS

Tendon transfer – Thumb reanimation – Plastic Surgery – Hand surgery – Peripheral Nerve injuries – Reconstructive surgery – Thumb function

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