MANAGEMENT OF POSTEROLATERAL CORNER INJURIES OF THE KNEE

M.D. Thesis in Orthopedic Surgery

Submitted by

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2010

بسم الله الرحمن الرحيم

﴿ وما تكون في شأن وما تتلوا منه من قرءان ولا تعملون من عمل إلا كنا عليكم شهودا إذ تفيضون فيه ۚ وما يعزب عن ربك من مثقال ذرة فى الأرض ولا فى السمآء ولا أصغر من ذ'لك ولا أكبر إلا فى كتاب مبين ﴾

سورة يونس آية ٦١

ABSTRACT

Posterolateral knee injuries may present as isolated injuries, an associated injuries with the ACL or PCL or part of the multiple-ligament knee injuries which determined by clinical tests and addressed using radiography, MRI or arthroscopy.

Thirteen patients included in this study with a primary diagnosis of grade III posterolateral knee instability, three were acute combined injuries underwent repair, three were chronic combined and seven were chronic isolated injuries. Nine of the chronic cases underwent reconstruction and one isolated chronic case underwent high tibial osteotomy only.

Four months postoperatively after rehabilitation protocole 10 patients were rated normal and nearly normal and complications include residual varus laxity, common peroneal injury and postoperative infection.

Injuries to the posterolateral corner of the knee can lead to chronic instability if missed or inappropriately managed. Also can lead to increased stress on associated cruciate reconstructions.

KEY WORDES

Management _ corner _ knee

Acknowledgement

First of all, I would like to thank God for his grace and mercy and for giving me the effort to complete this work.

I would like to express my deepest gratitude and greatest respect to ***Professor Dr. Abd El-aziz Alsengergy*** *Professor of Orthopedic Surgery, Cairo University, under whose supervision I had the honor and pleasure to proceed with this work. His constant guidance, encouragement and foresight made all the difference.*

I would like to express my sincere thanks to ***Prof. Dr. Ahmed Morra*** *Professor of Orthopedic Surgery, Cairo University, for his guidance and encouragement.*

My deepest appreciation goes to ***Dr. Ahmed Galal El-said,*** *Lecturer in Orthopedic Surgery, Cairo University, for his supervision advice, effort and for allowing me a free access to his precious time.*

I would also like to express my deep gratitude to ***Prof. Dr. Ezzat Kamel,*** *Professor of Orthopedic Surgery, Ain Shams University, for his cooperation and support without which this work could not be possible.*

Special thanks goes to all patients underwent this study, for their help and co-operation during the accomplishment of this work.

And last but, by no means least, I would like to thank my parents, wife and my daughter for all their patience, love, support and sacrifice which made this work possible.

AIM OF THE WORK

Accurate diagnosis and management of cases of posterolateral instability using different clinical and radiological modalities in diagnosis with assessment of postoperative functional outcome measures following rehabilitation protocol.

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