

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بعض الوثائق الأصلية تالفة



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Evaluation of results of operative treatment of malleolar fractures by A.O. Techniques

Thesis

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بسم الله الرحمن الرحيم

سبحانك لا علم لنا إلا ما علمتنا

إنك أنت العظيم الحكيم

صدق الله العظيم

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To My Little Family

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List of abbreviations

ACL.....	Anterior Cruciate Ligament
ATFL.....	Anterior Tibio-Fibular Ligament
A.O.	Arbietengemeinschaft für Osteosynthesfragen
ASIF.....	Association for the Study of Internal Fixation
BMC.....	Basal Metabolic Rate
DCP	Dynamic Compression Plate
FU	Follow up
I.F.	Internal Fixation
L.H.....	Lauge Hansen
LCL	Lateral Collateral Ligament
MCL	Medial Collateral Ligament
ORIF.....	Open reduction & Internal Fixation
PA.....	Pronation Abduction
PE.....	Pronation Eversion (external rotation)
PTFL.....	Posterior Tibio-Fibular Ligament
SA.....	Supination Adduction
SE.....	Supination Eversion (external rotation)
*	Unclassified

**Introduction
and
Aim of the work**

INTRODUCTION AND AIM OF THE WORK

Ankle fractures are common injuries that may vary in severity from an undisplaced fracture to a severely comminuted injury, involving the weight bearing surface of the tibial plafond with ligament disruption.

In contrast with long bone injuries, severe comminution or displacement is not always associated with high energy trauma.

Most of the malleolar fractures occur as a result of rotational stresses, with the weight of the body acting as the offending force, as the ankle bears up to five times the body weight.

The constraint of the ankle joint and the large forces that pass through it, require anatomic reduction of the joint Congruity.

In spite of having few problems in Orthopaedic trauma, which have been discussed so thoroughly as the treatment of malleolar fractures, controversy remains about the different classification systems, methods of treatment and prognostic indicators of good results. The A.O./ASIF recommended techniques, are the gold standard and fundamental way of treating these injuries when open reduction and fixation is indicated.

The objective of this study is to discuss in detail the malleolar fracture-dislocations, with particular emphasis on indications of surgery and prognostic factors which previous investigators believed that they affect the outcome.

The approach is based on prospective study of consecutive ankle fractures, needed operative treatment because of failure obtaining or maintaining acceptable reduction.