

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



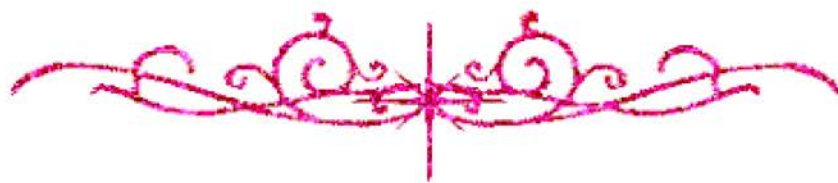
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



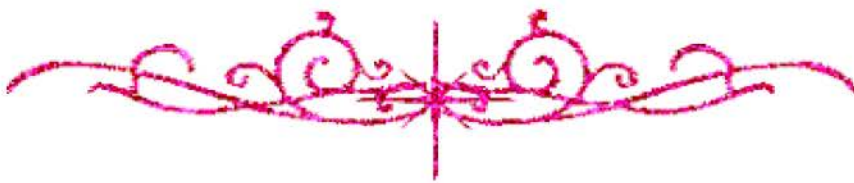


بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



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KNEE TRAUMA DIAGNOSIS BY DIFFERENT IMAGING MODALITIES

ESSAY

Submitted for Partial Fulfillment of Master Degree in
Radiodiagnosis



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INTRODUCTION

AND

AIM OF THE WORK

INTRODUCTION AND AIM OF THE WORK

During the past few decades, sports and physical activity have become increasingly popular. This trend has been accompanied by an increased risk of musculoskeletal injury. The knee is the most frequently injured joint that requires sports medicine treatment (*Zarins B and Adams M, 1983*).

Hirshman and colleagues estimated a yearly knee ligamentous injury rate of 98 per 100,000 persons. Accurate diagnosis of a knee injury is often difficult because of the complexity of the joint. In patients for whom the diagnosis is in question, an appropriate diagnostic modality must be selected (*Hirshman et al., 1990*).

