



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكرو فيلم



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التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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Role of musculoskeletal ultrasound in assessment of extrusion of the medial meniscus of the knee joint compared to MRI as a reference standard.

Thesis

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Gehad Mohamed

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العليم

صدق الله العظيم

سورة البقرة الآية: ٣٢

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List of Abbreviations

2D	2-dimensional
ACL	Anterior Cruciate Ligament
FSE	Fast Spin-Echo
HS	Highly Significant
LCL	Lateral Collateral Ligament
LM	Lateral Meniscus
MCL	Medial Collateral Ligament
MFLs	Menisco-Femoral Ligaments
MHz	Mega-Hertz
MM	Medial Meniscus
MRI	Magnetic Resonance Imaging
NPV	Negative Predictive Value
NS	Non-Significant
PCL	Posterior Cruciate Ligament
PDWI	Proton-Density-Weighted
PHLM	Posterior Horn of the Lateral Meniscus
PHMM	Posterior Horn of the Medial Meniscus
PMMRL	Posterior Medial Meniscus Root Ligament
PPV	Positive Predictive Value
ROC	Receiver Operating characteristic Curve
S	Significant
SD	Standard Deviation

SE	Spin-Echo
SPACE	Sampling Perfection with Application-optimized Contrasts using different flip angle Evolution
STIR	Short Tau Inversion Recovery
T	Tesla
T1WI	T1-Weighted
T2WI	T2-Weighted
US	Ultra-Sound

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