



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

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Role of Adding Diffusion Weighted MR Imaging to Conventional MR Imaging in Evaluation of Ovarian Masses

Thesis

*Submitted for Partial Fulfillment of
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ

سَبَّحَانَكَ لَا إِلَهَ إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Abbreviations

Abb.	Full term
ACR	<i>American College of Radiology</i>
ADC	<i>Apparent diffusion coefficient</i>
ALF	<i>Alpha fetoprotein</i>
CKD	<i>Chronic kidney disease</i>
CM	<i>Contrast media</i>
CT	<i>Computed tomography</i>
DCE-MRI	<i>Dynamic contrast-enhanced magnetic resonance imaging</i>
DTPA	<i>diethylenetriamine pentaacetic acid</i>
DTPA-BMA	<i>gadolinium diethylenetriaminepentaacetic acid bismethylamide</i>
DTPA-BMEA	<i>gadolinium diethylenetriaminepentaacetic acid bismethylamide</i>
DWI	<i>Diffusion-weighted imaging</i>
DW-MRI	<i>Diffusion-weighted magnetic resonance imaging</i>
EOC.....	<i>Epithelial ovarian cancer</i>
EPI	<i>Echo-planar sequence</i>
FDG.....	<i>Fluorodeoxyglucos</i>
FDG/PET	<i>Fluorodeoxyglucose positron emission tomography</i>
FSE	<i>Fast spin-echo</i>
EST	<i>Endodermal sinus tumor</i>
FOV	<i>Field of view</i>
FSE	<i>Fast spin-echo</i>
FSH	<i>Follicle-stimulating hormone</i>
GCTs	<i>Granulosa cell tumors</i>
Gd-DTPA	<i>Gadolinium-diethylenetriamine penta-acetic acid</i>
GFR	<i>Glomerular filtration rate</i>
GnRH	<i>Gonadotropin-releasing hormone</i>
GRAPPA	<i>Generalized auto calibrating partially parallel acquisition</i>
GRE	<i>Gradient-echo</i>
HPO	<i>Hypothalamus-pituitary-ovarian</i>
IM	<i>Intramuscular</i>

List of Abbreviations cont...

Abb.	Full term
<i>IUD</i>	<i>Intrauterine devices</i>
<i>IV</i>	<i>Intravenous</i>
<i>IVC</i>	<i>Inferior vena cava</i>
<i>LAVA</i>	<i>Liver acquisition with volume acquisition kHz</i> <i>Kilohertz</i>
<i>LH</i>	<i>Luteinizing hormone</i>
<i>MRI</i>	<i>Magnetic resonance imaging</i>
<i>MBTs</i>	<i>Mucinous borderline tumors</i>
<i>mSENSE</i>	<i>Modified sensitivity encoding</i>
<i>NSF</i>	<i>Nephrogenic systemic fibrosis</i>
<i>OSBTs</i>	<i>Ovarian serous borderline tumors</i>
<i>PACS</i>	<i>Picture archiving and communication system</i>
<i>PET</i>	<i>Positron emission tomography</i>
<i>PET CT</i>	<i>Positron Emission Tomography and Computed</i> <i>Tomography</i>
<i>PID</i>	<i>Pelvic inflammatory disease</i>
<i>RF</i>	<i>Radiofrequency</i>
<i>ROI</i>	<i>Region of interest</i>
<i>ROC curve</i>	<i>Receiver operating characteristic curve</i>
<i>SBTs</i>	<i>Serous borderline tumors</i>
<i>SD</i>	<i>Standard deviation</i>
<i>SE</i>	<i>Spin-echo</i>
<i>SI</i>	<i>Signal intensity</i>
<i>SLCTs</i>	<i>Sertoli-leydig cell tumors</i>
<i>SNR</i>	<i>Signal-to-noise ratio</i>
<i>SSFSE</i>	<i>Axial T2-weighted single-shot fast spin-echo</i>
<i>T</i>	<i>Tesla</i>
<i>T1WI</i>	<i>T1-weighted images</i>
<i>T2WI</i>	<i>T2-weighted images</i>
<i>TAUS</i>	<i>Transabdominal Ultrasound</i>
<i>TVUS</i>	<i>Transvaginal Ultrasound</i>
<i>TOA</i>	<i>Tubo / ovarian abscess</i>
<i>TR</i>	<i>Time to repetition</i>
<i>TE</i>	<i>Time to echo</i>
<i>TSI</i>	<i>Time-signal intensity</i>
<i>TSE</i>	<i>Turbo spin echo</i>

List of Abbreviations cont...

Abb.	Full term
<i>US</i>	<i>Ultrasound</i>
<i>WHO</i>	<i>World Health Organization</i>
<i>YST</i>	<i>Yolk sac tumor</i>
<i>2D</i>	<i>Two dimensions</i>
<i>3D</i>	<i>Three dimensions</i>

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