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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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بالرسالة صفحات لم ترد بالاصل

Assiut University
South Egypt Cancer Institute
Radiodiagnosis Department



Role of Directed and Random Biopsies of the Prostate in the Diagnosis of Prostate Cancer

Thesis submitted in partial

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2004



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

إِنَّ اللَّهَ عِنْدَهُ عِلْمُ السَّاعَةِ وَيُنَزِّلُ الْفَيْثَ وَيَعْلَمُ مَا
فِي الْأَرْحَامِ وَمَا تَدْرِي نَفْسٌ مَّاذَا تَكْسِبُ غَدًا وَمَا
تَدْرِي نَفْسٌ بِأَيِّ أَرْضٍ تَمُوتُ إِنَّ اللَّهَ عَلِيمٌ خَبِيرٌ

صدق الله العظيم

سورة لقمان الآية ٣٤



TO:

My Parents;

Mother and Father,

My Family,

*The Soul of my Grandparents
who taught me and are still
teaching me a lot.*

AND

*TO My friends present, past and
Future.*



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List of Abbreviations

ACS	American Cancer Society
cm.	Centimeter
cm ³	Cubic centimeter
CZ	central zone
DRE	Digital rectal examination
Fig.	Figure
FN	False negative results
FP	False positive results
H	Height
IVU	Intravenous urography
L	Length
LUTS	Lower urinary tract symptoms
mm.	Millimeter
no.	Number
PBR	Positive biopsy rate
PIN	Prostatic intraepithelial neoplasia
PPV	Positive predictive value
PSA	prostate specific antigen
PSAD	prostate specific antigen density
PZ	Peripheral Zone
ROI	region of interest
TN	True negative results
TP	True positive results
TRUS	Transrectal ultrasonography
TURP	Transurethral resection prostatectomy
TZ	Transition zone
US	Ultrasound
W	Width
2D	Two dimensional
3D	Three dimensional