

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

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إلا ما علمتنا إنك أنت
العليم العظيم

صدق الله العظيم

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Role of PET CT in the post treatment follow
up of Thyroid carcinomas

Essay

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دور توموجرافى الإنبعاء البوزيترونى والأشعة
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فى متابعة حالات ما بعد العلاج لأورام الغدة
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توطئة للحصول على درجة الماجستير فى
الأشعة التشخيصية

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List of Abbreviations

2D	:	Two Dimensional
3D	:	Three Dimensional
AC	:	Attenuation Corrected
AJCC	:	American Joint Committee on Cancer
ATC	:	Anaplastic Thyroid Cancer
C cells	:	Calcitonin Producing Cells
CT	:	Computed Tomography
DTC	:	Differentiated Thyroid Cancer
FBP	:	Filtered Back Projection
FDG	:	Fluoro-Deoxy-D-Glucose
FNA	:	Fine Needle Aspiration
FOV	:	Field Of View
FVPCA	:	Follicular Variant of Papillary Thyroid Carcinoma
GCS-F	:	Granulocyte Colony Stimulating Factor
GLUT	:	Glucose Transporter
LOR	:	Line Of Response
MALT	:	Mucosa Associated Lymphoid Tissue

 List of Abbreviations 

MEN	:	Multiple Endocrine Neoplasia
MIFC	:	Minimally Invasive Follicular Carcinoma
MIP	:	Maximum Intensity Projection
MTC	:	Medullary Thyroid Cancer
NAC	:	Non Attenuation Corrected
OSEM	:	Ordered-Subsets Expectation Maximization Algorithm
PET	:	Positron Emission Tomography
PET/CT	:	Combined Positron Emission Tomography And Computed Tomography
PHA	:	Pulse Height Analyzer
PMT	:	Photomultiplier Tube
RhTSH	:	Recombinant Humanized Thyroid Stimulating Hormone
ROI	:	Region Of Interest
SRS	:	Somatostatin receptor scintigraphy
SUV	:	Standardized Uptake Value
SUV max	:	Maximum Standardized Uptake Value
Tg	:	Thyroglobulin
TgAb	:	Thyroglobulin Antibodies

 List of Abbreviations 

TSH	:	Thyroid Stimulating Hormone
UICC	:	Union International Contre le Cancer
US	:	Ultrasonography
VIP	:	Vasoactive intestinal peptide
WBS	:	Whole Body Scintigraphy
WDTC	:	Well Differentiated Thyroid Cancer
WHO	:	World Health Organization
WIFC	:	Widely Invasive Follicular Carcinoma
Z	:	Atomic Number

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