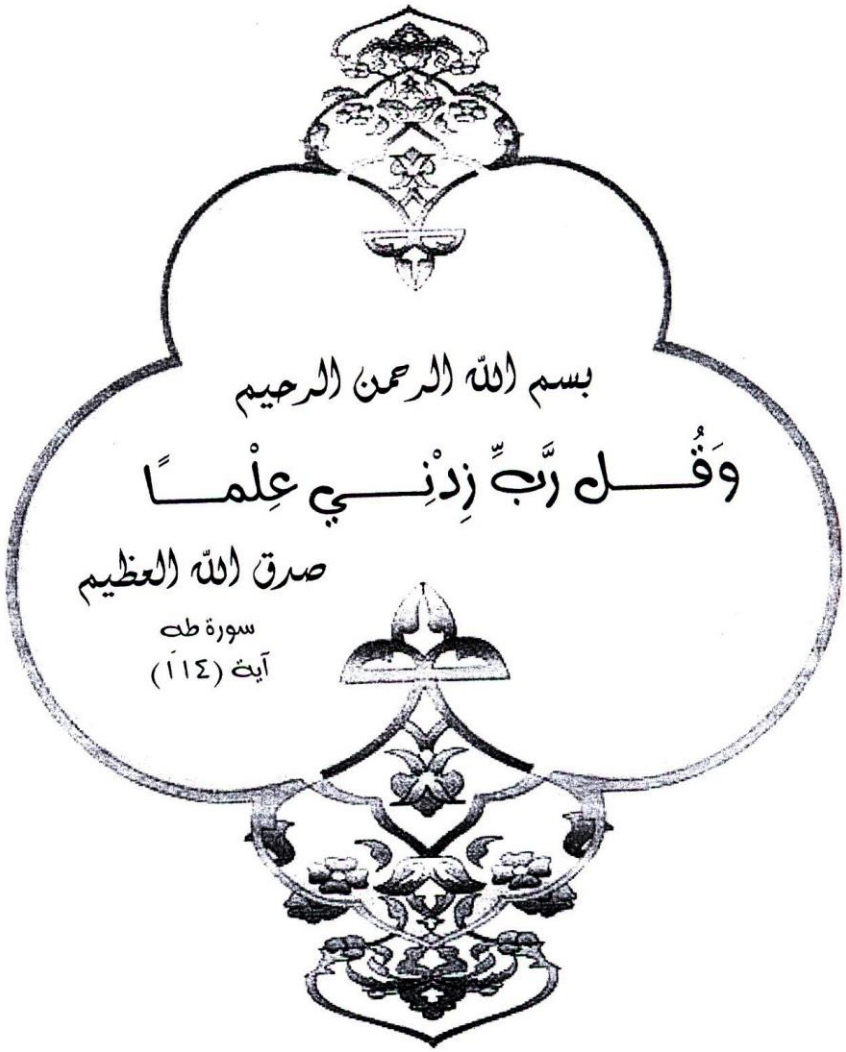
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THE ROLE OF PET/CT (POSITRON EMISSION TOMOGRAPHY/ COMPUTED TOMOGRAPHY) IN COLORECTAL CARCINOMA

Essay

Submitted for partial fulfillment of Master degree in Radiodiagnosis

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LIST OF ABBREVIATION

ACFs	Attenuation correction factors
AJCC	American Joint Committee on Cancer
APC	Adenomatous poylposis coli
BGO	bismuth germinate
BMI	Body mass index
CEA	Carcinoembryonic antigen
CNS	Central nervous system
CRC	Colorectal cancer
CT	Computed tomography
CTAC	CT-based attenuation correction
CTC	Computed tomography colonography
DAS	Data acquisition system
DCBE	Double contrast barium enema
3D	three-dimensional
2D	two-dimensional
DWI	Diffusion-weighted imaging
EAUS	Endoanal ultrasound
18-F	18-Fluorine
FAP	Familial adenomatous polyposis
18-FDG	18-flourodeoxyglucose
Fig.	figure
FOBT	faecal occult blood testing
FS	Flexible sigmoidoscopy
FSE	Fast spin echo
GI	Gastero-intestinal
GLUT	Glucose transporters

LIST OF ABBREVIATION (CONT.)

GRE	Gradient echo
GSO	gadolinium silicate
HNPCC	Hereditary nonpolyposis colorectal cancer
H	Hour
IBD	Inflammatory bowel disease
IGF-I	Insulin-like growth factor type I
IV	Intra-venous
L1	Lumbar vertebra number 1
L3	Lumbar vertebra number 3
LN	Lymph node
LOR	Line-of-response
LSO	lutetium oxyorthosilicate
MCCT	Multi-channel computed tomography
MDCT	Multi–detector row computed tomography
MRC	Magnetic resonance colonography
MRI	Magnetic resonance imaging
PET	Positron emission tomography
PSF	Point spread function
RER	Replication error
PSF	Point spread function
SPECT	Single photon emission computed tomography
SUV	Standardized uptake value.
SUVmax	maximum Standardized uptake value
TAG-72	Tumor-Associated Glycoprotein-72
TME	Total mesorectal excision
TNM	Tumor, node, metastasis
US	Ultrasound
VC	Virtual colonoscopy
Y	Year

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