Role of Multi-Slice CT Angiography in the Diagnosis of lower extremity Vascular Diseases

Essay

Submitted For Partial Fulfillment
of Master Degree In Radiodiagnosis

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List of abbreviations

2D	Two dimensional
3D	Three dimensional
ABPI	Ankle–brachial pressure index
AV	Arteriovenous
AVMs	Arteriovenous malformations
CM	Contrast medium
CPR	Curved planar reformation
CTA	Computed tomographic angiography
DSA	Digital subtraction angiography
DVT	Deep venous thrombosis
HU	Hounsfield units
IV	Intravenous
IVC	Inferior vena cava
Kv	Kilo volt
mA	mili Ampere
MDCT	Multi–detector row computed tomography
MIP	Maximum intensity projection
MPR	Multiplanar reformation
MRA	Magnetic resonance angiography
MRI	Magnetic resonance imaging

MSCT	Multislice computed tomography
PAA	Popliteal artery aneurysms
PAD	Peripheral arterial disease
PE	Pulmonary embolism
SSCT	Single slice computed tomography
SSD	Shaded Surface Display
TAO	Thromboangiitis obliterans
US	Ultrasound
VM	Venous malformations
VR	volume rendering

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Aim of the work

The purpose of this study is to evaluate the role of multi-slice CT angiography in the assessment of lower extremity vascular diseases

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