

RENAL ARTERIES ULTRASOUND WORKSHEET

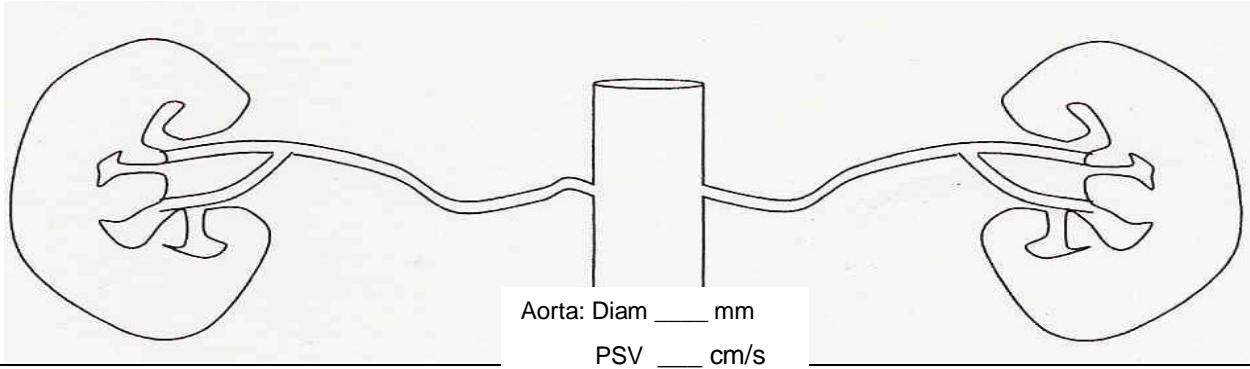
Patient I.D. _____	Sonographer _____
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Scan Quality _____

RIGHT Rt Kidney: length _____ mm	Clinical Indication / Relevant Surgery _____
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Comments _____

Rt Renal Artery	PSV cm/s	Level Of Visualisation	Rt Intrarenal waveforms		
Origin	_____	_____	AT	RI	
Proximal	_____	_____	Superior:	_____	Norm / Abnorm / Equivocal
Mid	_____	_____	Mid:	_____	Norm / Abnorm / Equivocal
Distal	_____	_____	Inferior	_____	Norm / Abnorm / Equivocal



LEFT Lt Kidney: length _____ mm	Comments _____
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Lt Renal Artery	PSV cm/s	Level Of Visualisation	Lt Intrarenal waveforms		
Origin	_____	_____	AT	RI	
Proximal	_____	_____	Superior:	_____	Norm / Abnorm / Equivocal
Mid	_____	_____	Mid:	_____	Norm / Abnorm / Equivocal
Distal	_____	_____	Inferior	_____	Norm / Abnorm / Equivocal

>60% Renal Artery Stenosis Criteria:

PSV > 180cm/s
RAR > 3.5:1
RI > 0.8 Suggests chronic renal disease. Marker to determine the success of intervention.

Intrarenal Evaluation
 Normal: ESP present AT <0.07 sec Acc. Index >3.0
 Considered equivocal or abnormal if any of the above criteria are not met

5 Grades of RA visualisation

0 = Spectral trace unable to be obtained. No CDI visualisation
 1 = Spectral obtained with poor CDI. (Direction of flow uncertain)

Grade 0 & 1 = Suboptimal examination

2 = Spectral obtained with poor CDI (ie not continuous). Direction can be confidently ascertained
 3 = Spectral obtained with adequate CDI (ie continuous)
 4 = Spectral obtained with good CDI (able to assess for focal aliasing)

Conclusion: _____