



DEPARTMENT OF RADIOLOGY/USG

Patient Name :	MS. KONIKA AKHTER	Report No :	90129853
UHID / IP NO	900152402 (8779)	Delivery Date:	22/04/2024 6:06PM
Age/Gender :	32 Y/F	Film No:	
Contact No :	01828963235	Invoice No :	OPUT/24/35347
Referred By :	SELF	Invoice Date :	22/04/2024 9:04AM

USG OF RENAL SYSTEM

Both the normal kidneys are non functional / non excretory. Color interrogation reveals no vascularization.	
The transplanted kidney is noted in the right iliac fossa.	
The transplanted kidney is normal in size (RK~ 10.1 x 5.4 cm), shape and right iliac fossa in position. Well defined cortex and medulla. No stone or mass lesion is seen. Pelvicalyceal systems is mildly dilated (2.2 cm).	
The duplex study stated from abdominal aorta and is as follows Abdominal aorta : B-Mode: a) Wall: Wall is Echogenic & regular in outline b) Wall Thickness: Wall is not thickened (Normal 0.5 mm). c) Lumen: Lumen is clear.	
Kidney : Colour Doppler: Shows normal flow. Colour Direction: Shows Normal direction.	
Right renal artery (at its origin in the anastomotic site) : Shows high resistance wave form pattern (RI-141.0).	
Renal artery in the pelvis of the kidney : shows high resistance wave form pattern (RI-94.8).	
Segmental artery : Shows normal low resistance wave form pattern (RI 0.62).	
Lobar Artery: Shows normal low resistance wave form pattern(RI 0.61).	
Interlobar artery : Shows normal low resistance wave form pattern(RI 0.59).	
Intralobular artery : Shows normal low resistance wave form pattern(RI -0.58).	
Actuate artery: Shows normal low resistance wave form pattern(RI 0.68).	

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Comment :	1. Normal duplex study of transplanted kidney. 2. Mild hydronephrosis in the transplanted kidney.
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