

This worksheet is solely for the purpose of recording preliminary data and does not constitute a final report of any kind.

**RENAL TRANSPLANT ULTRASOUND (RTUMWH)**

PATIENT NAME: \_\_\_\_\_ MR#: \_\_\_\_\_ DATE: \_\_\_\_\_  
TECH INITIAL: \_\_\_\_\_ EXT: \_\_\_\_\_ FACILITY: MWH / SH

**INDICATION:**  Elevated BUN/Creatinine levels  Acute renal failure  Chronic renal failure  
 Hypertension  
 OTHER: \_\_\_\_\_

**COMPARISON:**  None Prior Exams:  \_\_\_\_\_

**TECHNIQUE:** Transabdominal gray scale, color and spectral Doppler of the right lower quadrant transplant kidney was performed.

**FINDINGS:**

RIGHT  LEFT LOWER QUADRANT TRANSPLANT KIDNEY:  
Measures \_\_\_\_\_ cm in length

Normal in echotexture and no solid renal mass, hydronephrosis, or shadowing calculus.  
 Abnormal (see below)

- Cyst  Solid mass  Hydronephrosis  Abnormal echotexture
- Cortical thinning  Shadowing calculus  Perinephric hematoma
- Perinephric fluid collection
- Other: \_\_\_\_\_ \*\* [ ADD DICTATION]

<u>Velocity measurements:</u>	<u>PSV</u>	<u>Diameter</u>	<u>Intrarenal resistive index (R.I.):</u> (*normal <0.7, abnormal >0.8)
Aorta _____ cm/s	_____ cm/s	_____ cm	Upper pole: _____
Common iliac artery _____ cm/s	_____ cm/s	_____ cm	Mid pole: _____
External or internal iliac artery _____ cm/s	_____ cm/s		Lower pole: _____
Arterial anastomosis _____ cm/s	_____ cm/s		
Proximal transplant renal artery _____ cm/s (normal <250cm/s)	_____ cm/s (normal <250cm/s)	R.I.* _____	
Mid transplant renal artery _____ cm/s (normal <250cm/s)	_____ cm/s (normal <250cm/s)	R.I.* _____	
Distal transplant renal artery _____ cm/s (normal <250cm/s)	_____ cm/s (normal <250cm/s)	R.I.* _____	
PSV ratio transplant renal artery / iliac artery _____ (normal <3.5)			
Acceleration time distal renal artery _____ msec (normal <70ms)			
Transplant renal vein _____ cm/s			
Venous anastomosis _____ cm/s			

External or internal iliac vein  Patent  Abnormal: \_\_\_\_\_ \*\*[ADD DICTATION]  
 Other: \_\_\_\_\_

**IMPRESSION:** Preliminary findings/impression subject to radiologist review.

Normal renal transplant ultrasound exam.

ADD DICTATION