AV Fistula US Technologist Worksheet

St Vincents Riverside Southside Clay St Johns Imaging Center Arlington ER Westside ER

Optimal Forbes Southside Clay Mandarin Westside St Johns Town Center Orange Park

Patient Name: MMI: Age:

History/Symptoms:

AV Fistula Anatomy: Date Fistula Created:

For all indications:	**1st Measurement**	**2nd Measurement**	**3rd Measurement**
Arterial Flow Volumes (mL/min)			
Venous Flow Volumes (mL/min)			

Signs of mature AV fistula: flow volume ≥500-600 mL/min.
Signs of >50% stenosis include: draining vein flow volume <600 mL/min or ≥25% decrease compared to prior.

	For all indications:		*Only for maturity indication:*	
	PSV (cm/sec)		**Diameter** (mm)	**Vessel Depth** (mm)
Artery 2 cm Proximal to Anastomosis				*not applicable*
At Artery/Vein Anastomosis			*not applicable*	*not applicable*
Vein 5 cm From Anastomosis (Proximal)				
Vein 10 cm From Anastomosis (Mid)				
Vein 15 cm From Anastomosis (Distal)				

Signs of mature AV fistula: Vein diameter ≥ 4-6 mm, vein ≤6 mm below skin surface.
Signs of >50% stenosis include: >50% luminal narrowing at grayscale imaging, peak velocity >400-500 cm/sec at stenosis; velocity ratio >3.0 AVF anastomosis or >2.0 draining vein.

For all indications:

DVT	**Subclavian / Common Femoral Vein**	None	Nonocclusive	Occlusive	Chronic
	Axillary / Femoral Vein	None	Nonocclusive	Occlusive	Chronic
	Brachial / Popliteal Veins	None	Nonocclusive	Occlusive	Chronic

For all indications document diameter & distance from anastomosis of any accessory veins extending off the draining vein:

Sonographer's Impression:

Sonographer's Name, Date & Time: # Images