

SUV Analysis Form (P5)**ACR PET Phantom Scan**

Time Point:	<input type="checkbox"/> T0 (Initial)	<input type="radio"/> T2 (year 2)	<input type="radio"/> T4 (year 4)
	<input type="radio"/> T1 (year 1)	<input type="radio"/> T3 (year 3)	
1. CQIE Scanner:	Manufacturer	Model	
2. Phantom Scan FOV:	<input type="radio"/> Body	<input type="radio"/> Brain	

SUV Calculations**3. Contrast (SUV = N.NNN)**

	Hot Vial 8 mm	Hot Vial 12 mm	Hot Vial 16 mm	Hot Vial 25 mm
max SUV				

4. Scatter/Attenuation (SUV = N.NNN)

	Background	Bone	Air	Water
mean SUV				
min SUV				

Ratio Calculations:

Use the data from Q3 and Q4 above to complete the following tables.

5. Contrast (N.NNN) = max SUV of Hot Vial / mean background SUV

Hot Vial	8 mm / bkgd	12 mm / bkgd	16 mm / bkgd	25 mm / bkgd
Contrast				

6. Contrast (N.NNN) = max SUV of Hot Vial / max SUV 25 mm

Hot Vial	max 8 mm / max 25	max 12 mm / max 25	max 16 mm / max 25
Contrast			

7. Contrast (N.NNN) = min SUV of air or water / min SUV of bone

Hot Vial	Air / Bone	Water / Bone
Contrast		

Site

Form Submitted By (Name)

Date (mm/dd/yyyy)

Please submit completed data form to the ACRIN Imaging Core Lab via email or fax.

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