

 <p>SELECT RADIOLOGY SOLUTIONS A Division of Radiology Imaging Associates</p>	NM BRAIN FLOW SCAN	
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Radiopharmaceutical: ^{99m}Tc DTPA **Dose:** 25 mCi **T ½:** 6 hrs **Energy:** 140 KEV

Indication

Evaluation of brain death

Patient Prep

None

Equipment

1. Siemens Symbia T
2. Siemens Symbia Bold
3. Siemens Symbia S
4. Siemens Symbia E

Procedure

- Place a tourniquet around the patient's head, just above the orbits.
- Position the camera anterior to the patient's head, so to include the base of the skull and upper neck.
- Acquire a 2 sec/fr ANT flow study.
- Acquire ANT, RLAT, LLAT and VERTEX view for all patients. When performing a vertex view use the vertex apron to shield the patient's body.
- Acquire images for 600 K.

Acquisition Instructions

1. Register the patient.
2. Select the patient and double click on BRAIN FLOW and STATICS ACQ under CATEGORY CEREBRAL.
3. Position the patient and acquire the flow.
4. Acquire the statics. Under stop conditions ensure view names are labeled correctly. Select the first image, PREPARE and START. After all images are acquired, hit DONE.
5. FLEXIBLE DISPLAY you will window images.
6. Check HARD COPIES to ensure they are labeled correctly.
7. COMPLETE will send images to SYNAPSE.

Processing Protocol

Images are windowed in the FLEXIBLE DISPLAY I the acquisition workflow and COMPLETE will send images to SYNAPSE.