

**LSU Health Sciences Center  
Gamma Knife  
Proc. 19.13.9**

**Image Acquisition of Gamma Knife Patient**

**Policy:**

To provide personnel with the proper guidelines when transporting the Gamma Knife Patient to MR, CT, and to the Angio Lab.

**Procedure:**

1. Patient will be assessed prior to transporting patient to image modalities by Gamma Knife nurse.
2. Vital signs must be stable for Gamma Knife nurse to be able to transport patient.
3. Fiducial box is filled by manually injecting cupric solution.
4. Fiducial box will be attached to head frame prior to imaging.
5. Gamma Knife Neurosurgeon will instruct imaging technologist of are to be scanned, images needed.
6. After completion of images, fiducial box is removed.
7. Pt. returns to Gamma Knife suite
8. When patient is taken to Angio Lab, the Gamma Knife nurse gives report and leaves patient under the care of the Angio nurse. Gamma Knife nurse is called when procedure is complete, to pick patient up.
9. During the time the patient is in the Angio Lab, the Angio nurse is responsible for monitoring patient while under sedation. Sedation reports are placed in hospital records.
10. All images from CT, MR, or Angio will be sent electronically to the Gamma Knife treatment planning computer.

Written: 2007

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