

RAD ONC PLANNING: BRAIN

This protocol is used for pre-treatment planning of brain tumors.

- **CONTRAST AGENT:** Magnevist
- **DO NOT** angle slices. Scan through the entire brain, including the top of the skull.
- Position patients head as straight as possible and in a neutral position. Minimize any flexion or extension of the neck.
- Call 4-8286 with any positioning questions.
- Create a series of any multiple stacks before sending to VQPHYS and PACS.
- Send only the axial T2 and the gado axial T1 to VQPHYS.
- If the transfer fails, please call 4-8286 so that they may delete some data before trying again.

1. LOCALIZER
2. AX T2 FS 3skip 1 cover entire brain. Use 2 stacks if necessary.
3. AX FLAIR 3 skip 1 cover entire brain. Use 2 stacks if necessary.
4. AX T1 PRE
5. GADO AX T1 3 skip 1. History to axial T2.

FOR HEAD AND NECK

- Scanned in room 2 or 3 only. Use head and neck coil.
- Used for patients with pathology of the tongue and/or neck.
- Place patient in neutral head position with the spine as straight as possible.
- Scan should include width of the shoulders and to the shoulder level.
- Contact radiation oncology for protocol.
- Be sure to send gado axial T1 to VQPHYS.