Brain Tumors Possible Side Effects

**short term**
- Fatigue
- Hair Loss
- Erythema or soreness of scalp
- Headaches
- Nausea/Vomiting
- Seizures
- Reactions in ear canal
- Hearing impairment**
- Dry mouth**

**long term**
- Lethargy
- Neurological symptoms 1-3 months after treatment
- Abnormal hormone levels (common in areas near the pituitary gland)
- Radiation necrosis
- Mental slowing and behavioral changes
- Permanent visual impairment**
- Permanent hearing impairment**
- Cataracts**

*Larger bubbles show higher likelihood of occurrence. This list does not represent all of the possible side effects. Please talk to your doctors about your specific diagnosis.

** These side effects are all very uncommon.