

**Radiation Oncology  
Summary and Impact of Focused Program Requirement Revisions**

Line Number(s): 598-600

Requirement Revision (major revisions only): [Residents] must participate in the treatment planning and administration of stereotactic radiosurgery in at least 10 cranial and 5 extracranial patients.

Describe, as appropriate, how the revision:

- 1) impacts the quality and safety of patient care;

**Extracranial stereotactic radiosurgery has become an accepted, highly effective treatment for patients with medically inoperable non-small cell lung cancer. It is also an accepted alternative to surgery for patients with a small number of liver metastases. It is important that residents learn the rationale, technique, and potential toxicities associated with this treatment.**

- 2) improves the quality of resident education;

**The addition of this requirement will improve the quality of resident education by exposing the residents to the use of extra-cranial SBRT in sites such as the lung, liver, and bone. There is increasing interest in the use of extracranial SBRT nationally and internationally. Formal training and experience during residency will increase residents' skills and allow them to use this modality to benefit patients safely and effectively once they leave training.**

- 3) affects the way the resident, the service, and the staff provide patients with continuing care; **NA**

- 4) requires a change in institutional resources (e.g., facilities; organization of other services; addition of faculty; financial impact);

**A change in institutional resources may be required for devices used for gating (ie, to control breathing-induced motion) and immobilization. Additional training may also be required for the appropriate faculty and for the involved dosimetrists and physicists.**

- 5) may change the volume and variety of patients required to provide proper educational resources in the institution(s); and

**The residents will see more patients with early lung cancer and more patients with liver metastases; these are common conditions to an academic center.**

- 6) impacts residency education in other specialties. **NA**