

GAMMA KNIFE STEREOTACTIC RADIOSURGERY

Kettering Medical Center
Clinical Privileges Credentialing Profile

I. DEFINITION:

The application of high energy focused cobalt (gamma rays) radiation as a tool to treat various intracranial disorders.

II. MEDICAL SPECIALTIES WHO ARE ELIGIBLE TO APPLY FOR GAMMA KNIFE PRIVILEGES:

- Neurosurgery, board-certified or board-eligible
- Radiation Oncology, board-certified or board-eligible
- Neurotology, board-certified or board-eligible
- Any applicant or privileged physician must not conflict or harm any current exclusive professional medical service contracts.

III. SPECIALIZED TRAINING AND EXPERIENCE:

All physicians requesting Gamma Knife stereotactic radiosurgery privileges will be required to have documented specialized training or experience in Gamma Knife based stereotactic radiosurgery procedures in addition to privileges for administration of conscious sedation. A Gamma Knife procedure requires the joint participation of a neurosurgeon and radiation oncologist and involves: appropriate selection of patient, placement of stereotactic frame, jointly-approved treatment plan based on imaging studies, implementation of treatment plan, and frame removal.

Specialized training required will consist of either:

1. Satisfactory completion of a minimum of 1 week comprehensive didactic and practical Gamma Knife Radiosurgery course approved by the device manufacturer.
2. Clinical experience documented by:
 - a. Submission of 50 representative cases in which the applicant was the primary operator
 - b. Letter of current competence by the director of the gamma knife center or the chief of service/staff where the applicant is currently active

IV. LOCATION:

Limited to the Gamma Knife Center and Support Areas

V. PROCTORING

- Physicians seeking unrestricted Gamma Knife privileges will be required to attend a departmental orientation including radiation safety and be proctored by a privileged operator(s) for at least seven (7) procedures. The required number of proctored

cases shall be completed within twelve (12) months of the initial granting of privileges, except for good cause. Representative cases should include the following but not limited to: trigeminal neuralgia, meningioma, acoustic neuroma, metastatic and primary lesions.

- After review of the proctoring reports by the Medical Director of Gamma Knife Center and the Medical Director of Radiation Oncology, a recommendation will be made to the Credentials Committee. Additional proctored cases may be required at the discretion of the Medical Director of the Gamma Knife Center or the Medical Director of the Department of Radiation Oncology.

VI. MAINTENANCE OF PRIVILEGES:

- At the 2-year reappointment time, the physician will be expected to have performed at least 20 procedures and meet quality and performance requirements.
- Satisfactory participation with at least 50% attendance at scheduled Gamma Knife Center Performance Improvement Meetings.

Signature of Practitioner

Date: _____

Medical Director, Gamma Knife Center

Medical Director, Radiation Oncology

Clinical Service Chief, Medical Imaging
Ronald Fadell, MD

Clinical Service Chief, Surgery
Jon Velasco, MD

Adopted: November 11, 2010