

## Your Current Experience/Background

(please check)

- Neurosurgeon
- Radiation Oncologist
- \*Medical Physicist
- Other \_\_\_\_\_

## Register Based On Prior Stereotactic Radiosurgery Experience

Gamma Knife®:

None \_\_\_\_\_ = four-day course

4C \_\_\_\_\_ = three-day course

PFX \_\_\_\_\_ = three-day course

Linac SRS \_\_\_\_\_ = four-day course

Proton SRS \_\_\_\_\_ = four-day course

Site where initial Gamma Knife SRS training obtained:  
(if taking the Perfexion or Icon course):

\_\_\_\_\_

## For More Information

Kelly Powell  
Course Coordinator  
UPMC Presbyterian/Center for Image-Guided Neurosurgery  
200 Lothrop Street/Suite F188  
Pittsburgh, PA 15213-2582  
Phone: (412) 647-7744/e-mail: powellkc@upmc.edu

## Registration Form

I am registering for course dates: \_\_\_\_\_

**Please supply all of the requested information, including preferred/correct mailing address.**

Name & Degree: \_\_\_\_\_

Title: \_\_\_\_\_

Department: \_\_\_\_\_

Hospital: \_\_\_\_\_

Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Country: \_\_\_\_\_

Mobile #: \_\_\_\_\_ Fax #: \_\_\_\_\_

**(Mobile # provided will be used to access online training.)**

E-mail: \_\_\_\_\_

Please specify if Gamma Knife® site affiliation is different from hospital listed above: \_\_\_\_\_

Tuition enclosed \$: \_\_\_\_\_

**Registration will not be accepted without payment.**

(\$6,500 Four-day training)

(\$4,500 Three-day ICON upgrade training)

Please make your check payable to **UPMC Presbyterian Shadyside** and send it with this form to:

Kelly Powell, Course Coordinator  
UPMC Presbyterian/Center for Image-Guided Neurosurgery  
200 Lothrop Street/Suite F188  
Pittsburgh, PA 15213-2582

Credit card payment is accepted. Online payment can be made at [www.upmc.com/pay/gammaknife](http://www.upmc.com/pay/gammaknife) using Chrome on Windows or Mac for optimal experience.

Payment is due at time of registration, or no later than two weeks prior to course.

A current digital photograph is required to be submitted by email to [powellkc@upmc.edu](mailto:powellkc@upmc.edu).

**The Center for Continuing Education and the Department of Neurological Surgery do not certify that, through participation in this program, participants are competent to perform certain procedures or skills. I understand that satisfactory completion of this course does not imply or confirm competency in Gamma Knife® stereotactic radiosurgery.**

Signature \_\_\_\_\_



University of Pittsburgh  
Center for Image-Guided Neurosurgery

# Principles and Practice of Gamma Knife Radiosurgery

Perfexion and Icon Training

*Now Online!*



*Sponsored by:*

University of Pittsburgh School of Medicine  
Department of Neurological Surgery  
Center for Continuing Education  
in the Health Sciences

## Introduction/Intent

Through attendance at this program, registrants should obtain knowledge about the practical aspects of stereotactic radiosurgery using the Leksell Gamma Knife®. Principles of radiation physics and radiobiology, as they apply to single-session, focused, small volume irradiation will be covered. Registrants should be able to create radiosurgery dose plans for brain tumors, vascular malformations, and trigeminal neuralgia. At the close of the program, participants should be able to discuss those issues relevant to dose selection in individual patients and discuss the spectrum of complications after radiosurgery and their management.

## Tuition

\$6,500 for four-day course (new users or users converting older GK to Perfexion).

\$4,500 for three-day ICON upgrade course (days 2-4 of the four-day course).

No registration will be accepted without payment. Preferred payment is online via [paybill.upmc.com/OBP/site/gammakniferadiosurgery](https://paybill.upmc.com/OBP/site/gammakniferadiosurgery). If paying by check, make checks payable to **UPMC Presbyterian Shadyside** and include name of participant on check. Check should be mailed to:

Kelly Powell, Course Coordinator  
UPMC Presbyterian/Center for Image-Guided Neurosurgery  
200 Lothrop Street/Suite F188  
Pittsburgh, PA 15213-2582

## Registration

Early registration is recommended. Please complete the attached registration form and return promptly.

## Course Dates

### 2020:

(Four days didactic and hands-on with optional fifth day for case observation)  
July 6-10  
September 21-25  
November 9-13

### 2021:

(Four days didactic and hands-on with optional fifth day for case observation)  
January 11-14  
March 15-18  
May 10-13  
July 12-15  
September 20-23  
November 8-11

## Accreditation and Credit Designation

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team

### Physician (CME)

The University of Pittsburgh School designates this live activity for a maximum of **50.0** AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Other Healthcare Professionals

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

## Course Faculty

L. Dade Lunsford, MD  
Professor of Neurological Surgery

Ajay Niranjana, MCh, MBA  
Professor of Neurological Surgery

John C. Flickinger, MD  
Professor of Radiation Oncology

## Guest Faculty

Peter Gerszten, MD, MPH  
Professor of Neurological Surgery

## Medical Physics

Michael Sheetz, MS, CHP  
Director, Radiation Safety

Greg Bednarz, PhD

Jong Oh Kim, PhD

## Nursing

Jonet Vacsulka, BSN

## Technical Support

Susan E. Lohman, RN, CNOR (Elekta)

Jay Forsythe, CMD, RT (Elekta)

Andy Lunsford  
Senior Field Service Engineer (Elekta)

## Disclaimer Statement

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC/University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

## Address

Center for Image-Guided Neurosurgery  
UPMC Presbyterian/Suite F188  
200 Lothrop Street  
Pittsburgh, PA 15213  
Phone: (412) 647-7744  
e-mail: [powellkc@upmc.edu](mailto:powellkc@upmc.edu)

## Target Audience

Neurosurgeons, radiation oncologists, medical physicists, neurologists, nurses, fellows and residents in training who will perform Gamma Knife™ radiosurgery.

## Special Needs

Participation by all individuals is encouraged. Advance notification of any special needs will help us better serve you. Please notify us of your needs at least two weeks in advance of the program.

## Program Overview

### Monday

Stereotaxy, Gamma Knife® Principles, Physics, Radiobiology

### Tuesday

Schwannomas

### Wednesday

AVMs, Meningiomas and Skull Base Tumors

### Thursday

Pituitary Disorders, NRC Issues, Dose Selection