

## Your Current Experience/Background

(please check)

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

\* Physicists attending the three-day Perfexion course are asked to arrive on Monday for the 12:00 noon session.

## Prior Stereotactic Radiosurgery Experience (# Per Year)

Gamma Knife\*:

None \_\_\_\_\_ = five-day course

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

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

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

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

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

\_\_\_\_\_

## Registration Form

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

**Please supply all of the requested information.**

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

Last 5 Social Security digits: \_\_\_\_\_

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

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

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

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

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

Phone #: \_\_\_\_\_

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

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

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

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

(\$6,500 No registration will be accepted without payment)  
(\$4,500 Three-day PFX or ICON training)

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

Charlene H. Baker, Course Coordinator  
UPMC Presbyterian/Center for Image-Guided Neurosurgery  
200 Lothrop Street/Suite F158  
Pittsburgh, PA 15213-2582

Credit card payment is accepted. Online payment can be made at the following website:

[paybill.upmc.com/OBP/site/gammakniferadiosurgery](http://paybill.upmc.com/OBP/site/gammakniferadiosurgery).

### Accommodations\*:

Arrival Date: \_\_\_\_\_ Departure Date: \_\_\_\_\_

\*A single room will be reserved unless specified otherwise.

**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



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 each participant (new users of Perfexion or Icon).

\$4,500 for three-day PFX or ICON upgrade course, (for users who have taken either 4C or PFX five-day course).

Please make check payable to **UPMC Presbyterian Shadyside** and include name of participant on check.

## Accommodations

We have negotiated a special rate of \$140.00/night for course participants and will reserve a single room in your name upon receiving a registration form with arrival and departure dates. If you are bringing a companion or have a special rooming request, please let us know when registering. An executive floor room can be arranged. The hotel is located within walking distance of the campus. Amenities include: an indoor pool, sauna, work-out area and restaurant.

Wyndham Pittsburgh University Center  
100 Lytton Avenue  
Pittsburgh, PA 15213  
Phone: (412) 682-6200  
Fax: (412) 681-5714

## Registration

As course enrollment is limited to 15 people, early registration is recommended. Please complete the attached registration form and return promptly.

## Course Dates

<b>2017:</b>	<b>2018:</b>
January 9-13	January 8-12
March 13-17	March 12-16
May 8-12	May 14-18
July 10-14	July 9-13
September 11-15	September 10-14
November 6-10	November 5-9

## CME Credits

The University of Pittsburgh School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Pittsburgh designates this live five-day course for a maximum of **49.5 AMA PRA Category 1 Credit(s)™**. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Other health care professionals are awarded **4.9** Continuing Education Units (CEUs) which are equal to **49.5** contact hours.

ICON three-day course: **24 AMA PRA Category 1 Credits™**.

"Application to CAMPEP has been made for: **44.08** MPCCE hours"

## Course Faculty

L. Dade Lunsford, MD  
Professor of Neurological Surgery

Ajay Niranjani, MCh, MBA  
Professor of Neurological Surgery

Edward A. Monaco, III, MD, PhD  
Assistant Professor of Neurological Surgery

John C. Flickinger, MD  
Professor of Radiation Oncology

## Guest Faculty

Rebecca L. Emerick, MS, MBA, CPA  
Director, IRSA

Peter Gerszten, MD, MPH  
Professor of Neurological Surgery

J. Greenberg, MD  
Assistant Professor of Anesthesia

## Medical Physics

Michael Sheetz, MS, CHP  
Director, Radiation Safety

Kevin Fallon, MS

Jong Kim, PhD

## Nursing

Jonet Vacsulka, BSN

## Technical Support

Susan E. Lohman, RN, CNOR (Elekta)

Andy Lunsford  
Senior Field Service Engineer (Elekta)

## Disclaimer

In accordance with the Accreditation Council for Continuing Medical Education requirements on disclosure, information about relationships of presenters with commercial interests (if any) will be included in materials, which will be distributed at the time of the conference.

## Address

Center for Image-Guided Neurosurgery  
UPMC Presbyterian/Suite F158  
200 Lothrop Street  
Pittsburgh, PA 15213  
Phone: (412) 881-0602  
Fax: (412) 881-2450

## Target Audience

Neurosurgeons, radiation oncologists, medical physicists, neurologists, nurses, 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

(Approximate Daily Hours 8:00 a.m. – 5:00 p.m.)

### Monday

Stereotaxy and Gamma Knife® Principles

### Tuesday

Physics, Radiobiology, Dose-Planning, Metastatic Tumors, Acoustic Neuromas

### Wednesday

AVMs, Meningiomas and Skull Base Tumors

### Thursday

Pituitary Disorders, Anesthesia, NRC Issues, Dose Selection

### Friday

Advanced Indications

## For More Information

Charlene H. Baker  
Course Coordinator  
UPMC Presbyterian/Center for Image-Guided Neurosurgery  
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Pittsburgh, PA 15213-2582  
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