

STEREOTACTIC BODY RADIATION THERAPY TRAINING PROGRAM

UT Southwestern
Medical Center

COURSE DIRECTOR

STEVE JIANG, PHD
Professor & Chief
Division of Medical Physics & Engineering

COURSE CO-DIRECTORS

ROBERT TIMMERMAN, MD
Professor and Medical Director
Department of Radiation Oncology

PAUL MEDIN, PHD
Associate Professor
Division of Medical Physics & Engineering

ZEKE RAMIREZ, MS, CMD
Chief Dosimetrist
Department of Radiation Oncology

WHO SHOULD ATTEND

Radiation oncologists, medical physicists, medical dosimetrists, administrators and radiation therapists interested in implementing SBRT into clinical practice.

PURPOSE AND CONTENT

The primary focus of this two-day CME course is to help oncology programs in both large and small centers, academic and community practice, learn about the proper implementation of a viable and effective SBRT treatment practice. Covered topics will include the evolution of SBRT from roots in image-guided 3-D conformal therapy and radiosurgery toward ablation of tumors in the body, guidelines for proper treatment conduct, billing and compliance, physics and dosimetry of SBRT (with attention to unique requirements beyond conventional radiotherapy and IMRT), clinical outcomes and treatment patterns in spine, liver, lung, GI and GU cancers, and description of various treatment platforms in clinical operation.

EDUCATIONAL OBJECTIVES

Upon completion of this course, participants should be able to:

- Examine the rationale and basic biology for delivering ablative doses of radiation to demarcated tumors using SBRT and image-guided techniques through a didactic and hands-on approach
- Describe mature clinical data on which treatment might be indicated on or off protocol
- Present treatment delivery options for both large and small centers interested in starting a clinical SBRT program
- Describe and perform simulations and observe SBRT treatments
- Describe quality assurance and regulatory compliance requirements for carrying out a clinical SBRT program

REGISTRATION

The registration fee entitles the participant to admission to the conference and all course materials, as well as breakfast, lunch and refreshment breaks during the meeting, and 15 hours of CME credit if course is completed.

** A list of suggested hotels will be sent to you upon registration.



LOCATION

UT Southwestern Medical Center
W.A. Monty & Tex Moncrief
Radiation Oncology Building
5801 Forest Park Road
Dallas, Texas 75390-9183

CANCELLATION POLICY

Please note: Due to high demand for this course,

1. Your registration is subject to cancellation if payment is not received two weeks prior to the course start date.
2. If cancellation must occur we ask that notification be given two weeks prior to the course.

** Your registration can be transferred to a later course if you find you must cancel.

ADDITIONAL INFORMATION

Email: sbrtprogram@utsouthwestern.edu

Phone: 214-645-2568

Fax: 214-645-7622

Course coordinator: Lezlie Britton

PROGRAM ACCESSIBILITY

We accommodate participants with disabilities. Please call (214) 645-2568 for more information, or mark the space indicated on the registration form. To ensure accommodation, please register as soon as possible.

DISCLAIMER

The intent of this program is to share our stereotactic practice experience. We shall not be responsible for the actions of any third party. Furthermore, we are not endorsing the products or processes of any manufacturer, provider or seller. CME credits are contingent on completion of the course.

AGENDA

DAY ONE: TRACK 1 & 2

- 7:30 am Breakfast
- 7:55 am Welcome - Paul Medin, PhD
- 8:00 am History of SBRT – Paul Medin, PhD
- 8:30 am Physics of SBRT – Ryan Foster, PhD
- 9:30 am Definitions & Principles of SBRT - Robert Timmerman, MD
- 10:00 am SBRT Radiobiology and Dose Constraints – Robert Timmerman, MD
- 10:45 am Coffee Break
- 11:00 am SBRT Dosimetry Principles - Zeke Ramirez, MS, CMD
- 11:30 am Observation - SBRT Simulation
- Noon Lunch

TRACK 1

- 1:00 pm Observation - SBRT Treatment
- 1:30 pm Hands-on: Immobilization and Motion Management Lab - Robert Timmerman, MD
- Hands-on: SBRT Treatment Planning - Zeke Ramirez, MS, CMD
- 5:00 pm Adjourn

DAY TWO: TRACK 1

- 7:30 am Breakfast
- 8:00 am Treatment Outcomes - Lucien Nedzi, MD
- 9:00 am SBRT Quality Assurance – Strahinja Stojadinovic, PhD
- 9:30 am Lung and Liver SBRT - Robert Timmerman, MD
- 10:20 am Coffee Break
- 10:30 am Case Presentations: Lung - Hak Choy, MD
- 11:30 am Observation - SBRT Simulation
- Noon Lunch
- 1:00 pm Observation - SBRT Treatment
- 1:30 pm Case Presentations: Renal Cell/GI Toxicity - Nathan Kim, MD
- 2:00 pm Spine Radiosurgery – Paul Medin, PhD
- 3:00 pm SBRT Billing and Documentation - Catherine Wallace
- 3:30 pm Closing Remarks / Discussion – Robert Timmerman, MD
- 4:00 pm Adjourn

Note: This schedule is subject to change