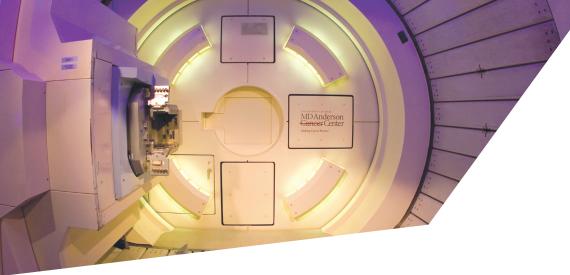
INTERNATIONAL PROTON THERAPY TRAINING

Feb. 24 - March 7, 2020





OVERVIEW INFORMATION

The University of Texas MD Anderson Cancer Center is proud to offer a training program for health care professionals interested in the practical aspects of operating a proton therapy treatment center. MD Anderson's Proton Therapy Center is one of the largest and most successful proton therapy treatment operations in the world.

With this training, you will learn from MD Anderson's physicians, researchers, administrators and staff about all aspects of proton therapy treatment and operations. The training program is divided into two one-week sessions that can be taken individually or together. These sessions cover:

WEEK 1

CLINICAL & OPERATIONS

including service and maintenance organization; business services; clinical research; and diseasespecific lectures.

WEEK 2

PHYSICS & DOSIMETRY

including commissioning of both
Passive Scattering and Spot Scanning;
Dose Calculation Algorithms; Motion
Management; Verification and
Adaptive planning; Machine and
Patient-specific QA; and Treatment
Planning for disease-specific sites.

Courses are designed for physicians, physicists, dosimetrists, therapists, and administrators.

TWO WEEK TRAINING COURSE

WEEK 1 | CLINICAL & OPERATIONS

MONDAY - Introduction to Proton Therapy_ Clinical and Physics; Operations & Facilities; Service and Maintenance Organization

TUESDAY - Disease-specific presentations (H&N); Nursing; Child Life Advocacy; Social Work; Radiation Therapy Observation

WEDNESDAY - Disease-specific presentations (Thoracic; GI; CNS); Clinical Nutrition

THURSDAY - Business services; Pediatric Anesthesia; Mid-Level Provider; Quality and Safety; Disease-specific presentations (Pediatric)

FRIDAY - Disease-specific presentations (GU); Clinical research; International Patient Center; Language Assistance

WEEK 2 | PHYSICS & TREATMENT PLANNING

MONDAY - Physics: Treatment Planning System Configuration; Dose Calculation Algorithms; Treatment Planning system commissioning; Introduction to Motion Management

TUESDAY - Physics: Commissioning Passive Scattering and Spot Scanning; Introduction to Robust Optimization; Verification and Adaptive planning; Advanced Motion Management

WEDNESDAY - Physics: Advanced
Optimization for Scanning Beam; Machine
QA for Passive Scattering and Spot Scanning;
Patient-specific QA for Passive Scattering
and Spot Scanning

THURSDAY - Overview of Proton Therapy Treatment Planning; Treatment Planning & Demo for disease-specific sites (GU +/- lymph nodes; Thoracic; H&N)

FRIDAY - Treatment Planning & Demo for disease-specific sites (Breast; Chest Wall; GI; Pediatric CSI; CNS)

SATURDAY - Physics Observation

REGISTRATION FEES

PROGRAM 1

CLINICAL & OPERATIONS

Week 1 | 5 days | Monday – Friday \$3,000 registration fee

PROGRAM 2

PHYSICS

Week 2 | 3 days | Monday – Wednesday **\$2,600** registration fee

PROGRAM 3

TREATMENT PLANNING

Week 2 | 2 days | Thursday – Friday \$1,800 registration fee

PROGRAM 4

PHYSICS & TREATMENT PLANNING

Week 2 | 6 days | Monday – Saturday **\$4,800** registration fee

PROGRAM 5

CLINICAL & OPERATIONS
TREATMENT PLANNING & PHYSICS

Weeks 1 & 2 | 11 days | Monday – Saturday \$7,800 registration fee

A 15% discount will be given to attendees from our sister institutions.

CONTACT INFORMATION

ROLA GEORGES

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REGISTRATION mdanderson.org/conferences

Educational Objectives

After attending the activity, participants should be able to:

- Incorporate the skills learned through hands-on practice sessions to better prepare for proton therapy treatments, thus improving
 patient outcomes (knowledge, competence, performance, patient outcomes)
- Incorporate knowledge on the responsibilities of dosimetrists, physicists and nurses in the treatment of proton therapy and the
 importance of their roles to provide optimal patient care (knowledge, competence, performance, patient outcomes)
- Apply the knowledge of treatment planning and operations to perform proton therapy in respective centers/locations (knowledge, competence)
- · Gain a greater appreciation and perspective of the steps and personnel needed to perform quality proton therapy (knowledge)

Accreditation/Credit Designation

The University of Texas MD Anderson Cancer Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The University of Texas MD Anderson Cancer Center designates this live activity for a maximum of 62.50 AMA PRA Category 1 Credits⁻¹⁰. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CAMPEP - credit approval is pending MDCB - credit approval is pending ASRT - credit approval is pending