

# CyberKnife Physicians' Differences from MultiPlan® to Precision®

Product Training for the CyberKnife® Treatment Delivery System and the Accuray Precision® Treatment Planning System.

This 2-hour, virtual instructor-led course is designed for Radiation Oncologists and clinical personnel experienced with the MultiPlan® Treatment Planning System and the CyberKnife® Treatment Delivery System who have primary roles in selecting patients, contouring targets, evaluating, and approving treatment plans for all clinical applications. The course includes a comprehensive overview of the tools and capabilities of the Accuray Precision Treatment Planning System that differs from the MultiPlan Treatment Planning System.

The course curriculum blends didactic instruction on CyberKnife related treatment planning with hands-on lab exercises to allow attendees to develop and apply the practical skills being taught. Instruction progresses from CyberKnife specific planning differences through treatment specific situations. Intracranial and extracranial treatment planning will provide clinical context for the skills being taught.

This course does not meet core curriculum requirements for CyberKnife New System Implementation.

## COURSE OBJECTIVES

Upon completion of this course, attendees will be able to:

- Describe the differences between the MultiPlan and Accuray Precision treatment planning system workflows for CyberKnife patients
- Discuss tools and techniques available for CyberKnife Treatment Planning using the Accuray Precision Treatment Planning System
- Describe the typical treatment planning workflow for Synchrony® Lung Tracking™ with Respiratory Modeling

## SKILLS

Upon completion of this course, attendees will be able to perform the following tasks:

- Navigate through the Accuray Precision System
- Fuse images and contour volumes of interest (VOI)
- Independently evaluate treatment plans using the Accuray Precision system
- Independently approve treatment plans using the Accuray Precision System

## COURSE FORMAT

Remote  
Instructor-led presentations  
System demonstrations  
Hands-on labs

## COURSE PRE-WORK

N/A

## DURATION

Two (2) hours

## TARGET AUDIENCE

Radiation Oncologists

## PARTICIPANT BACKGROUND

Knowledge of the MultiPlan® Treatment Planning System

## NO CE CREDITS OFFERED

## Course Outline

**Note:** Course agenda is subject to change without notice.

### DAY ONE

- Evolution of the CyberKnife® Treatment Delivery system
- Overview of the Accuray Precision® Treatment Planning System software and user interface
- New features on the CyberKnife Treatment Delivery system
- CyberKnife tracking modalities
  - Synchrony® Skull Tracking™
  - Synchrony® Spine Tracking Supine™
  - Synchrony® Fiducial Tracking™
  - Synchrony® Lung Tracking™ with Respiratory Modeling
  - Synchrony® Fiducial Tracking™ with Respiratory Modeling
- Accuray Precision treatment plan evaluation and plan approval