CyberKnife®

Accuray Precision® Treatment Planning System Using the VOLO™ Optimizer for CyberKnife® (O)

Product Training for the Accuray Precision® Treatment Planning System VOLO™ Optimizer on the CyberKnife® Treatment Delivery System.

This 4-hour, virtual instructor-led course is designed for Dosimetrists and Medical Physicists experienced with the Accuray Precision® Treatment Planning System. The course includes a comprehensive overview of the tools and capabilities of the Accuray Precision® Treatment Planning System VOLO Optimizer.

> NOTE: Experience with using the Accuray Precision® Treatment Planning System is a prerequisite for this advanced treatment planning course.

The course curriculum blends didactic instruction on CyberKnife-related treatment planning using the VOLO™ optimizer with hands-on lab exercises to allow attendees to develop and apply the practical skills being taught. The unique aspects and considerations for planning CyberKnife® System treatments using the VOLO™ optimizer is the focus of this course. Intracranial and extracranial treatment planning will provide clinical context for the skills being taught.

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

COURSE OBJECTIVES

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

- Describe the algorithms used for VOLO™ optimization
- Explain the VOLO™ parameters for MLC and Circular collimators
- Generate Intracranial and Extracranial plans using the VOLO™ optimizer

SKILLS

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

- Navigate the Accuray Precision® Treatment Planning System VOLO™ Optimizer
- Explain the parameters for MLC and Circular collimators associated with VOLO™
- Generate treatment plans using the VOLO™ Optimizer

COURSE FORMAT
Remote
Instructor-led presentations
System demonstrations
Hands-on labs

DURATION
Four (4) hours

TARGET AUDIENCE
Dosimetrists
Medical Physicists

PARTICIPANT BACKGROUND
Current Accuray Precision® Treatment Planning System user

CE CREDITS
Four (4.0) MDCB
Category A CE Credits

ACE Accuray Center for Education

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Course Outline

Note: Course agenda is subject to change without notice.

DAY ONE

- Introduction to the Accuray Precision Treatment Planning System using the VOLO™ Optimizer
- Hands-on VOLO optimization planning for Intracranial cases
- Hands-on VOLO optimization planning for Extracranial cases