

# Radixact® Synchrony® Treatment Delivery – remote (O)

Radiation Therapist training for the Radixact® Synchrony® motion tracking and correction feature on the Radixact® Treatment Delivery System.

This 4-hour, remote Radixact Synchrony Treatment Delivery course is designed for experienced users of the Radixact Treatment Delivery System who have upgraded or are upgrading to the Radixact System V2.x or higher with Synchrony.

This course teaches the theory of the Radixact Synchrony feature and skills required to deliver Synchrony treatments using the three different tracking modalities. The course curriculum blends conceptual instruction on Radixact Synchrony treatment delivery with detailed presentations and workflow demonstrations. Attendees will have an opportunity to apply the skills taught in a practical, problem-solving context to prepare them to use the Synchrony feature in a clinical setting.

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

## COURSE OBJECTIVES

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

- Define the Radixact Synchrony Concept
- Define and differentiate the three motion tracking modalities
- Identify Synchrony components
- Identify Fiducial placement principles
- Define Tracking Parameters

## COURSE FORMAT

Remote

- Instructor-led presentations
- System demonstrations

## COURSE PRE-WORK

N/A

## DURATION

4-hours

## TARGET AUDIENCE

Radiation Therapists

## PARTICIPANT BACKGROUND

Experienced user of the Radixact® Treatment Delivery System

## CE CREDITS

4.0 (four) MDCB  
Category A CE Credits

## SKILLS

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

- Prepare patient in CT Simulation according to pre-treatment guidelines
- Deliver Synchrony® Fiducial Tracking™, Synchrony® Fiducial Tracking™ with Respiratory Modeling™, and Synchrony® Lung Tracking™ plans on the Radixact System
- Address pauses during treatment delivery
- Monitor motion tracking parameters during treatment delivery

- Deliver a Synchrony Simulation or pre-treatment dry run

## Course Outline

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

### DAY ONE

- Introduction to Synchrony®
- Overview of Synchrony Components
- Introduction to Synchrony® Fiducial Tracking™
- Introduction to Synchrony® Respiratory Modeling™, including:
  - Synchrony® Lung Tracking™ with Respiratory Modeling™
  - Synchrony® Fiducial Tracking™ with Respiratory Modeling™
- Review the Synchrony Simulation or pre-treatment dry run