



PHILIPS

Clinical Education

Radiation Oncology

Philips Clinical Thought Exchange

October 10 - 11, 2020

10am - 5pm EDT

The Philips Clinical Thought Exchange is a 2-day virtual dynamic program designed for all Philips system users and imaging professionals. The courses will empower attendees to harness the clinical utility of their Philips system. Committed to providing a level of education that supports enhanced workflow, productivity, and patient care, Philips employs a truly dedicated team whose focus is to deliver outstanding education.

Prepare to take part in a highly interactive event, focused on building knowledge and confidence. Choose one or both days. Interact with experts and colleagues to share best practices and experience. Each participant can earn up to 10 CEUs.

Radiation Oncology Day 1 - On completion of this track you will have a broader understanding of treatment planning requirements for imaging techniques in CT Simulation and 4D CT. Coverage includes CT Simulation workflows, optimization of scan and reconstruction parameters, utilizing advanced image quality enhancements as well as Virtual Simulation techniques

Radiation Oncology Day 2 - This track details a holistic approach to treatment planning, provided by an integrated platform of tumor localization, simulation and advanced planning techniques. A thorough review of Dynamic Planning with deformable registration followed by an overview of Auto-Planning for IMRT/VMAT, will highlight the distinct advantages of Pinnacle's automated planning tools, while reducing time and standardizing process. Further presentations will debut new features within the Pinnacle product portfolio, to include Evolution with Personalized Planning and IntelliSpace Radiation Oncology.

Radiation Oncology October 10, 2020 Saturday

Understanding CT Parameters in CT Simulation

The purpose of this session is to enhance the users knowledge of CT parameters for Radiation Oncology and achieve better image results. This session will improve the participants' understanding of dose tools and what parameters can be altered post scan. The attendees will be provided with the information and reasoning to modify exam cards in order to improve image quality.

CT Reconstruction Options

This presentation is designed to further deep dive into the more advanced reconstruction parameters that may be available on your CT system. These reconstruction options include O-MAR, iDose, IMR. The algorithms for these options have been developed specifically to increase image quality, often compromised under certain conditions and which will be discussed as well as appropriate reconstruction selection.

CT Dose Tools

The clinical instructor will provide the user with information regarding the Dose Tools available for use. This will allow users to evaluate Exam Cards in order provide optimal dose to the patient while continuing to achieve maximum image quality.

Radiation Oncology October 11, 2020 Sunday

Tumor LOC Overview

This engaging session gives the user an overview of TumorLOC, including site specific workflows for isocenter localization and patient marking, in an integrated imaging and simulation environment. These workflows provide consistent set up from simulation to treatment, facilitated by the integration of Big Bore RT, TumorLOC and Pinnacle.

Dynamic Planning

This detailed presentation will provide insight on adapting treatment plans after prior treatment delivery or when a patient experiences anatomical changes during current treatment. The session will highlight the advantages of deformable image registration for composite planning, following prior treatment and adaptive planning when the patient has experienced weight loss, target volume change, or OAR shift.

Auto - Planning

This presentation provides an overview of Auto-Planning and the advantages it provides for IMRT/VMAT planning. A comparison of conventional versus Auto-Planning will be shown. Emphasis on the benefits of reducing time to plan, reduction of repetitive entries, plan quality and standardization of process will be highlighted. Creation of treatment technique libraries and development of scorecards will be covered, demonstrating ease of quality assessment and standardization of approval process. Examples of plans generated by Auto-Planning will be included.

Radiation Oncology October 10, 2020 Saturday cont.

4D CT in Radiotherapy

This course will provide information regarding 4D CT in radiation therapy. There will be discussion about breathing effects on imaging and treatment. Various pulmonary scan modes and how they reconstruct data will also be discussed. Training will cover need, theory, and application.

4D in Motion

This session is designed to provide users with a step by step overview of completing a 4D CT scan and post-processing. The session will cover adjusting parameters specific to 4D CT scanning. The instructor will also discuss evaluating 4D motion in the Pulmonary Viewer as well as generating Intensity Projections utilizing Tumor LOC.

Radiation Oncology October 11, 2020 Sunday cont.

Introducing Pinnacle Evolution – Philips next generation of radiation therapy planning technology

Pinnacle Evolution delivers state of the art, personalized IMRT and VMAT treatment planning with enhanced:

- **Quality** – Personalizing plans with patient specific goals integrated from the start of the treatment planning process
- **Consistency** – Advanced automated planning tools produce high quality plans whether you are a novice or expert planner
- **Efficiency** – A workflow designed from customer input, with cutting-edge automation allowing customers to quickly achieve clinically deliverable, personalized therapy plans

What's Next? Intellispace Radiation Oncology IS-RO

This session will review a patient-centric, practice management system, designed to accelerate time from referral to treatment. This system utilizes standardized automated clinical workflows, while integrating applications and maintaining data integrity on a vendor agnostic platform. IS-RO reduces uncertainties and inefficiencies which impact quality and delay treatment.



Choose the Following Ways to Register:

- Contact your Customer Relationship Manager
- Email: Philips_Clinical_Services_Imaging@philips.com

