

# CT Imaging for RT planning

Classroom  
Basic

## Executive overview

Acquire skills to operate the LightSpeed RT systems

## Duration

2 days

## Target attendees

Therapy Radiographers

## Prerequisite

None. This course is designed for Therapy Radiographers with no previous CT experience

## Course description

- System Components, Gantry, Internal/External Landmarking
- Detector Configuration
- Multi-slice axial / helical theory
- Introduction to system shutdown/reboot
- Tube warm Up / Fast cal
- Introduction to scan menus / axial scanning / helical scanning
- Introduction to Contrast Enhanced Imaging
- CT Imaging dose implications and features
- Imaging Artifact impacts
- Introduction to Retro Recon / Image Works
- Introduction to Image Management/Protocol Building
- Discussion on QA procedures within a CT Oncology Department
- Discussion on Patient Workflow within a CT Oncology Department

## Upon completion, participant should be able to

- Understand CT Imaging fundamentals including main system components and basic functionality
- Select the display menu
- Select the acquisition parameters
- Understand the principle of multi-slice axial and helical scan parameters
- Perform basic display functions and reformat

## Course leader

Clinical Education Specialist

## Certification

GE Healthcare Education Certificate

## Language

Local Language when available or English

## Number of participants

Minimum: 3 - Maximum: 6

## Location and registration

- GE training Center. Contact your Regional Coordinator for more details.
- Contact your Regional Coordinator (see last page for contact details), or go online at [www.gehealthcare.com](http://www.gehealthcare.com) and click on Clinical Education.



GE Reference Number  
**A10131CT**

