

## UCLA MRI-Guided Radiotherapy (MRgRT) Academy: - Building a Clinical Adaptive Radiotherapy Program

February 8, 2023 | Los Angeles, USA  
[https://uclahs.fyi/MRinRT\\_2023](https://uclahs.fyi/MRinRT_2023)



### UCLA MRI-guided Radiotherapy (MRgRT) Academy: Building a Clinical Adaptive Radiotherapy Program

The Department of Radiation Oncology at the University of California, Los Angeles (UCLA) invites you to attend a clinical training course on MRI-guided adaptive radiotherapy (MRgART) in conjunction with the [9<sup>th</sup> MR in RT Symposium](#). This half-day training course brings together clinical experts in the field of MR-guided adaptive radiotherapy to get you prepared for the future radiotherapy paradigm. In this course, the participants will learn the basic physics and technologies of MRI-guided radiotherapy, review the available clinical evidence and promising indications across different cancer sites, gain a deep understanding of the complexity and challenges associated with the clinical implementation of the MRgART process, and identify staff requirements, training, and safety required to build the clinical adaptive program.

#### Target audience:

Radiation oncologist, Medical Physicist, Medical Dosimetrist, Radiation Therapist, Clinical and physicist residents

**Date:** Feb 8<sup>th</sup> (Wednesday), 2023 **Location:** [UCLA Luskin Conference Center](#)

**Registration:** Regular \$150, Trainee \$75 [Registration Link](#)

#### Training Program:

Time	Lectures
1:30 - 1:50	Overview of MR Linac and technology
1:50 - 2:20	Clinical evidence and indicators of MRI guided adaptive radiotherapy
2:20 - 3:00	Workflow management and clinical implementation of MRgART
3:00 - 3:15	Break
3:15 - 3:35	Robust treatment planning for MRgART
3:35 - 3:55	QA/QC and commissioning considerations for MRgART
3:55 - 4:15	Staffing, training and safety consideration for MRgART
4:15 - 5:00	Clinical case review and Q&A discussions