



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 (MRgRT) in conjunction with the [9th 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 MRgRT process, and identify staff requirements, training, and safety required to build the clinical adaptive program.

Date: Feb 8 (Wednesday), 2023

Location: [UCLA Luskin Conference Center](#)

UCLA MRI-GUIDED RADIOTHERAPY (MRgRT) Academy:

Building A Clinical Adaptative Radiotherapy Program

Wednesday, February 8

Time	Lectures
12:30-1:30PM	Registration (UCLA Luskin Laureate Room)
	Lunch (UCLA Luskin Plateia Restaurant)
1:30 - 1:50	Overview of MR Linac Technology and Features for Adaptive Radiotherapy Daniel Low, PhD, FAAPM, FASTRO, Professor and Vice Chair of Medical Physic Research and Innovation, Department of Radiation Oncology, UCLA
1:50 - 2:20	Clinical Evidence and Indicators of MRI Guided Adaptive Radiotherapy (MRgRT) Ann Raldow, MD, MPH. Associate Professor and Vice Chair of Education, Department of Radiation Oncology, UCLA
2:20 - 2:40	Workflow Management and Clinical Implementation of MRgRT James Lamb, PhD, Associate Professor and Vice Chair of Medical Physics. Department of Radiation Oncology, UCLA
2:40 - 3:00	Break
3:00 - 3:20	Robust Treatment Planning for MRgRT Minsong Cao, PhD. Professor and Associate Vice Chair of Education of Medical Physics. Department of Radiation Oncology, UCLA
3:20 - 3:50	QA/QC and Commissioning Considerations for MRgRT Kathryn Mittauer, PhD. Assistant Professor. Miami Cancer Institute and Florida International University.
3:50 - 4:10	Staffing, Training, and Safety Consideration for MRgRT James Lamb, PhD, Associate Professor and Vice Chair of Medical Physics. Department of Radiation Oncology, UCLA
4:10 - 5:00	Clinical Case Review and Q&A Discussions Ann Raldow, MD, MPH. Associate Professor and Vice Chair of Education, Department of Radiation Oncology, UCLA Amar Kishan, MD. Associate Professor and Vice Chair of Clinical and Translational Research Minsong Cao, PhD. Professor and Associate Vice Chair of Education of Medical Physics. Department of Radiation Oncology, UCLA