

MR in RT

Online Course UMC Utrecht

Elekta

UNITY 2

PHILIPS
MR LINAC

MR simulation
MR guided radiotherapy
MR linac treatments

Livestream presentations, e-learning modules,
MRI protocol development, workbooks,
workshops, Q&A sessions and more...

14 Mar – 1 Apr 2022
Learn online at your own pace

Information and link to registration at
www.mrinradiotherapy.com



UMC Utrecht

MR in Radiotherapy - March 14th – April 1st 2022

This course is intended for radiation oncologists, radiologists, residents, medical physicists, and radiation therapists/technologists who want to learn about the application of MRI for radiotherapy.

This is an online course. Most of the content will be offered as e-learning modules and/or recorded lectures. These will be made available through <https://www.mrinradiotherapy.com> at the start of the course and can be followed at your own convenience. There is a wide variety of technical and clinical topics. You can choose to take a deep dive into the topics most relevant to you and only take the essentials from topics less relevant to your needs. Additionally, there are several keynote lectures which will be presented live using Teams meetings. During the course there will be several opportunities for interaction with Q&A sessions and clinical implementation workshops.

Course content

The full program is available on: <https://mrinradiotherapy.com/info2022/>

Modules

General modules on the basics of MR physics, and theory on commonly-used MR techniques. The physics of an MR-Linac, e.g. system design, commissioning, QA. Additionally, a wide range of clinical radiotherapy applications will be presented for both MR-based conventional linac treatments as well as MR-Linac workflows.

Interactive sessions

The course will start with a live introduction and presentation. Following this we will help you get set up for the course. In the following weeks there will be:

- Additional live presentations.
- Opportunities for interaction in dedicated Q&A sessions.
- Workshops where you will discuss some of the challenges of implementing MRI and MR-Linac workflows among your peers.
- Delineation session: our expert radiation oncologists on prostate and head&neck cancer will demonstrate how they use MRI images to delineate all relevant structures. You will have the opportunity to delineate MRI images yourself on a web-based delineation platform, Proknow, co-hosted by Elekta.

Optional module: Introduction to MRI protocol development (hosted by Philips)

This module is aimed at (potential) users of the Philips platform and will be hosted by Philips Healthcare. This module is best suited for radiation therapists/technologists and physicists.

The module is 2 sessions of ~2,5 hours and will be offered at 2 different timeslots:

- Timeslot 1: 23/3 & 24/3, 9:30 – 12:00 (CET)
- Timeslot 2: 23/3 & 24/3, 15:00 – 17:30 (CET)

Bonus content: face-to-face session in Utrecht

This bonus session is for anyone who can, and wishes to, attend locally. The face-to-face session will be a single day during the course and if it will proceed, depends on the covid policy of UMCU.

Contact & Registration

All live sessions will be recorded and made available through mrinradiotherapy.com. The estimated time burden for the complete course is 30-40 hours. The course fee is €750,00.

Registration: follow the link on <https://mrinradiotherapy.com/info2022>

Contact: rtmicourses@umcutrecht.nl