



Schweizerische Gesellschaft für Strahlenbiologie und Medizinische Physik
Société Suisse de Radiobiologie et de Physique Médicale
Società Svizzera di Radiobiologia e di Fisica Medica
Swiss Society of Radiobiology and Medical Physics

Member of the European Federation of Organisations for Medical Physics (EFOMP) and the International Organization for Medical Physics (IOMP)

DESCRIPTION OF THE SSRMP WORKING GROUP

Working group name: MR-only radiotherapy

Chair person: Lisa Milan

Aims and roadmap:

1. Survey of the Swiss centers already using or planning to implement an MR-only radiotherapy workflow;
2. Identify the risks peculiar to radiotherapy workflows based only on MR and synthetic CT images;
3. Provide indications for the implementation of an MR-only workflow.

The estimated duration of the project is 18 months:

- 3 months for point 1)
- 12 months for point 2) and 3)
- 3 months for report writing

The working group will meet every two months, approximately.

Anticipated results: Report Recommendation Other

Science relevance:

- Highlight the differences between the MR-only radiotherapy workflow and the standard workflow based on planning CT scans.
- Identify the critical issues and define new procedures for the commissioning and quality assurance.

Professional relevance: Safe implementation of an MR-only workflow

Educational relevance: Provide advice on this new modality

Start date: September 2022

End date: April 2024