

SRO Tutorials for physicists – minimal requirements

1. General aspects:

Presentation and slides should be in English.

A pdf of the presentation will be put on the internet site of SRO, which is protected by a password according to the national laws of copyright and publishing.

The content of the presentation should be relevant for daily practice with the patients and the staff.

2. The tutorial should contain:

Basics on

- Epidemiology of the disease being presented
- Anatomy and typical pathology (at least tumor types with an incidence of more than 5 % of the entity)
- Staging procedures (according to the recent guidelines of well-known societies as i.e. ESTRO/EORTC/NCCN)
- Diagnostic workup (invasive, non-invasive)

Treatment (according to national and international standards or recommendations, literature-based, and according to the daily needs of physicists)

- Role of radiotherapy in multidisciplinary treatment
- Radiotherapeutic options and frequently used techniques
- Recommended RT volumes (considering GTV, CTV, ITV, PTV)
- Recommended fractionation schedules and total doses (also available alternatives if regularly used)
- Radiosensitive structures close to the target volume, tolerance doses, and side effects (organs at risk)
- Alternatives to RT

Discussion of minimum 1 case

In case of different topics as legal aspects, ethics or economics, typical situations should be described, also with relevant conflicts with or input in daily professional life.