



Facility regulations / SOP for irradiation at the linear accelerator of the Vetsuisse-Faculty
University of Zurich
Winterthurerstrasse 260, 8057 Zürich

Introductory information

Responsible for radiation safety is Prof. Dr. Uwe Schneider

The operating manager is Prof. Carla Rohrer Bley (Division of Radiation Oncology, Vetsuisse-Faculty, University of Zurich; 044 635 8487).

The operating manager's substitute is Dr. Valeria Meier (Division of Radiation Oncology, Vetsuisse-Faculty, University of Zurich; 044 635 9034)

Preconditions for use

1. New users need to contact the Operating Manager with their request for radiation (e.g. what is to be irradiated, special needs, etc.)
 - a. Radiation treatment will then be planned (at least one day prior to RT)
 - b. While we try to operate with a high flexibility, admission can not be granted.
2. The user needs a dosimeter to enter the facility. If no personal dosimeter is available, a guest dosimeter will be provided.
3. Reservation requests are made telephonically or via email with the operating manager or its substitute.
4. Irradiation of animals (whole body) can easily be performed in a (self-made) cardboard box with the following dimensions: 20x20x4 cm. Do not forget sufficient air holes.
5. Transport and handle your goods for irradiation according to the legislation (e.g. biosafety conform (i.e. ordinance on the contained use of organisms (ESV), ordinance on protection against major accidents (StFV) and according to safe-working rules (i.e. ordinance on the occupational safety in biotechnology (SAMV), working safely (SUVA)).

Important issues:

- The linear accelerator is used for treatment and research in pet animals. Good hygiene is provided from our side, however, it is a clinical environment and sterility can not be provided.
- Any infectious or potentially infectious source (e.g. cell culture, laboratory animals) has to be openly declared at the time of request for radiation
- **declaration for use:** Each PI (Principle Investigator and responsible supervisor of the user) and user has to sign this **declaration for use** of the irradiation unit and to return it to the Operating Manager (crohrer@vetclinics.uzh.ch) before the user will be admitted. Users are classified in internal and external users. Depending on the classification different fees may apply.
 - internal: members of ETHZ, USZ and UZH
 - external: members of other academic institutions and companies



- By signing the declaration the PI and the user agree with the facility regulations and declare to follow the SOP.

Fees

Fees are calculated accordingly to services provided. In case of scientific collaborations special agreements (e.g. package deals) can be made by the operating manager.

The Operating Manager is responsible to administer any fees

Internal users:

- a) Dosimetric calculation (applies only once per treatment protocol): CHF 75.-
- b) Radiation session performed by our staff (applies at each session): CHF 105.-

External users:

- a) Dosimetric calculation (applies only once per treatment protocol): CHF 150.-
 - b) Radiation session performed by our staff (applies at each session): CHF 210.-
- An Overhead of 20% will be added

Carla Rohrer Bley, operating manager
Uwe Schneider, radiation safety responsible

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