

- **Name of your institution**

Department of Radiotherapy, Centre Hospitalier Universitaire de Liège, Belgium

- **Website**

[www.chu.ulg.ac.be/jcms/c\\_13318/radiotherapie](http://www.chu.ulg.ac.be/jcms/c_13318/radiotherapie)

- **Institution's picture and logo**



[www.ulg.ac.be/cms/c\\_18249/fr/chu](http://www.ulg.ac.be/cms/c_18249/fr/chu)

- **Description of your institution**

[http://www.chu.ulg.ac.be/jcms/n\\_5358/accueil](http://www.chu.ulg.ac.be/jcms/n_5358/accueil)

- **Description of the RO department**

The radiotherapy department contains a central unit, totally equipped and 3 satellite sites. In Belgium, this department has the largest recruitment with more than 2000 new patients a year. It is equipped with modern linear accelerators designed to allow IMRT and VMAT. Since 2010 a Cyberknife unit has been launched for treatment in stereotactic conditions, mostly extra-cranial. Furthermore the department offers the possibility for high-tech image guided brachytherapy

- **Areas of specialization**

Prone irradiation for breast cancer, SBRT for extra-cranial targets, gastro-intestinal tumors, head and neck tumors, soft tissues sarcomas, gynecological tumors (brachytherapy), IMRT, VMAT, SBRT, HDR and PDR

- **Projects studies**

Clinical : definition of advantages/pitfalls of prone breast irradiation, outcome measurement after SBRT for lung and liver tumors.

Workflow and management: in collaboration with HEC optimization of workflow procedures in order to facilitate risk management. Various questionnaires ongoing on patient's perception of quality, on burn-out of physicians and nurses/technologists.

Biology : impact of ionizing irradiation on tumor and micro-environment to explain pro-metastatic and pro-invasive behavior. Participation to euro-regional EUROCAT-study.

- **In-house news** (conferences, workshops, training opportunities, etc.): University certification for technologists/nurses in radiotherapy techniques.