

## Department of Radiotherapy [1]

**Head of the Department:** Jacek Sadowski, M, radiotherapy specialist

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**The Department of Radiotherapy comprises:**

Radiotherapy Clinic,

Radiotherapy Unit where radiation procedures are carried out.

The Department of Radiotherapy contains 92 beds.

The Department of Radiotherapy has four linear accelerators (Siemens), generating photon and electron radiation, with which most of the currently used techniques of external beam radiation therapy can be carried out, such as:

- Radiotherapy with 3D planning,
- Intensity modulated radiation therapy (IMTR),
- Image-guided radiotherapy (IGRT),
- Stereotactic radiotherapy.

We cooperate with the Institute of Nuclear Physics, Polish Academy of Sciences in the field of qualifying and preparing patients for proton therapy. There are approximately 2,500 irradiation procedures carried out on patients at the Department of Radiotherapy per year. We also provide treatment combined with chemotherapy. At the Radiotherapy Clinic we provide more than 9,000 recommendations a year related to the qualification for irradiation and post-treatment control in patients. We also provide care for patients with side effects of radiotherapy. Preparing irradiation is carried out in collaboration with the Department of Medical Physics equipped with modern treatment planning systems.

We also participate in prospective clinical trials and conduct educational activities.

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Centrum

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[1] <https://www.onkol.kielce.pl/en/centrum/departament-radiotherapy> [2] <https://www.onkol.kielce.pl/sites/default/files/styles/colorbox-zoom/public/galerie/klinika-radioterapii.-zakead-fizyki-medycznej.jpg?itok=QBtrJQKz> [3] <https://www.onkol.kielce.pl/sites/default/files/styles/colorbox-zoom/public/galerie/klinika-radioterapii.jpg?itok=TnBYHMOI>