

WELCOME TO HUCH CCC COMPREHENSIVE CANCER CENTER



Population

In Finland: 6 M

In capital area: 1.8 M

HOSPITAL BUILDINGS

- **Cancer centre** – Medical and radiation oncology and hematology + palliative care
- **Meilahti triangle hospital** – Hematology
- **Women’s clinic** – Gynecology
- **Park hospital** – Breast cancer surgery

+ satellite
RT unit in Lahti





- Oncology
- Hematology
- Radiation therapy
- Breast surgery
- Palliative care



- 5 hospitals
- 100 beds



- Budget 160 M€



- 15 000 patients prescribed for treatment
- 250 000 product items



- 25 000 patients



- personnel: 600
- physicians: 120
- physicists: 16

RADIOTHERAPY

External beam therapy

13 linear accelerators (Helsinki) + 2 (Lahti)

2 CT and 1 MRI simulator (+ 1 CT in Lahti)

6000 patients annually, over 300 visits/day (50 in Lahti)

77 000 external beam fractions (2023), 11500 in Lahti

Techniques: IMRT/VMAT, stereotactic, IGRT,

MR-guided RT

Brachytherapy (700 treatments in 2023)

Ir-192: HDR (gynecology, prostate, liver)

Ru-106, I-125: LDR (eye)

Molecular radiation therapy (700 treatments in 2023)

I-131 (thyroid carcinoma)

Lu-177 –dotatate (NET) and –PSMA (prostate cancer)

Y-90 SIRT (liver tumours), Ra-223 chloride (bone mets)

Ac-225 –labelled investigational drug

