

## Department of Medical Imaging [1]

Contact information: Main Office – +48 41 367 4226

Mammography – +48 41 367 4640

Computer tomography and magnetic resonance – +48 41 367 4638, +48 41 367 4639

Ultrasound and x-ray – +48 41 367 4253

Head of the Department: Tomasz Dró?d?, MD, radiologist

Coordinator of electroradiology technicians:

Coordinator of nurses:

Coordinator of medical secretaries:

We perform diagnostic imaging using MRI, CT scanners, X-ray machines, ultrasound, digital mammography devices and digital mammography mobile centre (mammobus). We have the most advanced 3 tesla MRI scanner, currently the highest standard of diagnostic imaging used in the world. It allows for more accurate imaging with higher spatial and tissue resolution, which is important in the study of small structures (diagnostics of tumors of the central nervous system, pancreas, breast, head and neck cancer, colorectal cancer, infiltrations in prostate). It enables more accurate diagnosis of the entire body in the case of multifocal diseases. It also allows to assess the microcirculation within the neoplastic foci, which helps to determine the nature of the changes, the degree of malignancy and its extent. The scanner facilitates the study of patients with implanted prostheses, minimizing the risk of unwanted images disturbing the anatomical image.

The department is located on two levels: on the ground and first floors.

There are the following centers on the ground floor:

- Magnetic resonance, registration: +48 41 367 4639 (ground floor),
- Computer tomography, registration: +48 41 367 4638 (ground floor),
- Mammography, registration: +48 41 367 4640 (ground floor),
- Breast ultrasound, registration: +48 41 367 4640 (ground floor),

There are the following centers on the first floor:

- X-ray, registration: +48 41 367 4253 (first floor),
- Ultrasound of other organs, registration: +48 41 367 4253 (first floor),
- Mammotome biopsy, registration: +48 41 367 4640 (ground floor).

The department's equipment includes:

Mammography:

- Lorad (Selenia)
- Inspiration (Siemens)

Mammotome:

- MammoTestSelect (Fischer Imaging Corporation)

Radiography:

- Multix-Vertex (Siemens)
- BuckyDiagnost FS (Philips)
- Practix (Philips) mobile radiographic unit

Magnetic resonance:

- Magnetom Skyra (Siemens 3T) scanner
- Achieva (Philips 1,5T) scanner

Computer tomography:

- Somatom Definition AS (Siemens)
- Somatom Sensation Open (Siemens)

Ultrasound:

- USG Sonoline Versa (Siemens) – 3 units
- Sonoline Adara (Siemens) – 1 unit
- EUB-5500HV (Hitachi) – 3 units
- EUB-6500HV (Hitachi) – 1 unit

The Department of Medical Imaging implements patients research programs . We conduct specialist in radiology - diagnostic imaging.

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