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Centre of Nuclear Medicine

The Centre of Nuclear Medicine performs diagnostics and treatment of various illnesses using radioactive substances. Since radiation can be detrimental to the human body, patients are referred for nuclear medicine tests/treatment procedures only if the benefit outweighs any potential harm caused by ionising radiation.

The radioactive substances used in nuclear medicine tests do not usually cause any adverse events. The radioactive substance is either injected into the vein, taken orally or inhaled. Most nuclear medicine tests are time consuming and take anywhere from 30 minutes to 6 hours.

Undergoing a nuclear medicine test/procedure usually requires no special preparation. You can contact your doctor or use the contact details on the website to ask for more information.

Once the nuclear medicine test/treatment procedure is over, drink more liquids than usual (up to 2-3 litres per day) and go to the bathroom more frequently to help your body dispose of the radioactive substance more quickly. There are no nutritional restrictions. Nuclear medicine testing has no effect on how you will feel and you can resume your daily business as soon as the test is done. After the treatment procedure, the staff will give you further instructions on radiation safety when interacting with other people.

For more information, read the nuclear medicine testing and treatment brochure for patients.



Services

[Scintigraphy in inflammation]

[Lung perfusion and ventilation scintigraphy]

[Skeletal scintigraphy]

[Lymphography. Marking the sentinel lymph node]

[Liver function tests]

[Kidney function tests]

[Kidney tissue damage examination]

[Isotope cystography]

[Myocardial perfusion scintigraphy]

[Thyroid function scan with radioactive iodine]

[Thyroid scintigraphy]

Radioisotopic scanning of brain

Pheochromocytoma or adrenergic tissue or medullary thyroid cancer scintigraphy

Somatostatin receptor scintigraphy

PET/CT scan

Joint radiosynovectomy

Bone metastasis pain management with Radium-223

Palliative treatment of bone metastases

Prostate cancer isotope treatment with 177Lu-PSMA or RLT

177Lu-DOTATATE therapy for neuroendocrine tumours

Whole-body static scintigraphy and/or SPECT with iodine

Radio-iodine treatment procedure in case of thyroid cancer

Radio-iodine treatment procedure in case of hyperthyroidism

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