



Medical Technologist for Radiology (MTR)

TRAINING AS MEDICAL TECHNOLOGIST FOR RADIOLOGY (MTR) (3 YEARS))

MTR training includes four areas: Radiology, Radiotherapy, Nuclear Medicine / Radiation Physics, dosimetry / radiation protection.

In **radiology**, MTRs take X-rays independently on the doctor's orders and can operate all the usual radiology equipment, e.g. computer tomograph (CT) or magnetic resonance tomograph (MRT), on their own responsibility. They have a good knowledge of human anatomy and physiology.

In **radiotherapy**, MTRs have very close contact with the patients because a radiation treatment lasts several weeks. Mainly malignant tumours are irradiated. This requires a high degree of responsibility and precise work from the MTRs. In addition to radiation treatment, the psychological care of patients is also part of the MTR's job.

In **nuclear medicine**, radioactive substances are administered to patients. The task of the MTR is to prepare the radioactive substances for application to the patient and to carry out the measurements.

Radiation physics, dosimetry and radiation protection are another important field of work of the MTR. Among other things, they monitor and measure ionising radiation with special dosimeters during an examination or in the environment and monitor compliance with the limit values.

In all areas, quality assurance is part of the MTR's remit.

THEORETICAL & PRACTICAL TRAINING

- The training lasts 3 years and consists of a practical part at the training provider and the cooperation partners (2,600 hours) and a theoretical part at the BZPG (2,000 hours).
- Our trainees conclude a training contract with the provider of the practical training and receive a training salary. No school fees are charged to trainees at the BZPG.
- Lesson times at the BZPG:
 - Mon - Thurs 8.30 a.m. to 3.45 p.m.
 - Fr 8.30 a.m. to 1.45 p.m

FUTURE PROSPECTS

You will have a wide range of employment opportunities after completing your training:

- Hospitals
- University and specialist clinics
- Specialist practices
- research institutions

Special plus: Your training at the BZPG will be personally supervised by a course director. You will receive optimal guidance and support. In addition to a modern learning environment with digital equipment and creative teaching-learning methods in the simulation centre and skills labs, project days and excursions take place to deepen the learning content.

PREREQUISITES FOR THE TRAINING

- At least an intermediate school leaving certificate or a lower secondary school leaving certificate in conjunction with at least two years of completed vocational training
- at least 16 years of age at the beginning of the training
- Interest in scientific subjects and state-of-the-art technology
- Pleasure in dealing with people
- command of the German language, both written and spoken, to at least B2 level

APPLICATION DOCUMENTS

- covering letter
- Curriculum vitae in tabular form with photo
- Certified copy of school leaving certificate
- Proof of recognition of the foreign school leaving certificate by the district government
- Proof of vocational training already completed (if available)
- Certificate from a practical training provider (if available)

The training courses start on 1 September each year.

