



Training Programme (essential elements)
Clinical Practical Year (CPY)
at Medical University of Vienna, Austria

CPY-Tertial C

Radiology and Nuclear Medicine

Valid from academic year 2015/16

Responsible for the content

Ao.Univ.Prof. Dr.med.univ. Andrea Maier

This training programme applies to the subject of "Radiology and Nuclear Medicine" within CPY tertial C "Electives". The training programmes for the elective subjects in CPY tertial C are each designed for a duration of 8 weeks. If the subject in CPY tertial C is being completed over a period of 16 weeks, the specified content shall be treated in greater depth.

3. Learning objectives (competences)

The following skills must be acquired or deepened in the subject of Radiology and Nuclear Medicine during the CPY.

Those skills acquired by the student for the clinical internship year should be performed on patients during the CPY.

3.1 Competences to be achieved (mandatory)

A) History taking

1. Taking a patient history
2. Evaluation of the clinical information necessary for preparing an assessment; if necessary, collection of further findings and information
3. Knowledge of contraindications for examinations

B) Performance of examination techniques

4. Reviewing the request for radiological examinations
5. Administering medication in preparation for examination
6. Identification and interpretation of pathological changes based on the examination method used
7. Compilation of the most important points for the diagnosis and differential diagnosis of a pathological change based on the examination method used
8. Performance of simple ultrasound examinations of the upper abdomen, kidneys and thyroid
9. Attendance at examinations

C) Performance of routine skills and procedures

10. Peripheral intravenous cannulation
11. Giving intravenous injections
12. Handling a central venous catheter
13. Checking the contrast media administration for drug interactions
14. Administering contrast media
15. Preparing a referral
16. Checking correctness of a referral

D) Therapeutic measures

N/A

E) Communication with patient/team

17. Giving main information elements necessary to get informed consent
18. Communication with patient to explain possible risks and complications of radiological examinations
19. Providing information to patients and relatives in an ethically correct and professional manner in compliance with legal requirements and ensuring that the patient has understood the information
20. Communicating with severely ill patients

21. Checking compliance
 22. Communicating and dealing professionally with geriatric patients
 23. Conservative management of patients with self-limiting disease ("wait and see")
 24. Summarizing the main points of a diagnosis and of the active problem
 25. Giving/discussing radiological findings to/with the referring colleague
- F) Documentation
26. Working with local, national and international protocols and guidelines
 27. Retrieving patient-specific information from clinical data system
 28. Preparing simple thoracic x-ray and ultrasound finding reports

3.2 Optional competences

In addition to the competences that are mandatory to achieve, competences from the specialist disciplines of Radiology and Nuclear Medicine (see individual training plan) may also be acquired, whereby the emphasis here is on image interpretation.

1. Mammography
2. Interventional procedures
3. Neuroradiology
4. Musculoskeletal system
5. Trauma
6. Nuclear medicine
7. PET-CT

4. Information on verification of performance, on-going assessments

4.1 The following aspects can be assessed in the Mini-CEX:

1. Communication with the patient to explain radiological examinations
2. History taking
3. Use of various radiological methods depending on the illnesses to be clarified

This list can be expanded accordingly.

4.2 The following skills can be assessed in the DOPS

1. Handling a central venous catheter
2. Checking the contrast media administration for drug interactions
3. Administering contrast media
4. Administering medication in preparation for examination
5. Reviewing the request for radiological examinations
6. Identification and interpretation of pathological changes based on the examination method used

7. Compilation of the most important points for the diagnosis and differential diagnosis of a pathological change based on the examination method used
8. Performance of simple ultrasound investigations of the upper abdomen, kidneys and thyroid
9. Preparing simple thoracic x-ray and ultrasound finding reports with indications, image description and summary A review of the findings should take place with differential diagnosis and an indication should be made as to further methods
10. Attendance at examinations
11. Preparing a referral (if only electronic assignments are used, a fictitious assignment should be created as a word document)
12. Checking correctness of a referral
13. Preparation of case meetings and tumor boards
14. Presentation of a diagnostic case

This list can be expanded accordingly.