



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

CPY-Tertial C

Forensic Medicine

Valid from academic year 2022/23

Responsible for the content

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This training programme applies to the subject of "Forensic 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.

3. Learning objectives (competencies)

The following competences must be acquired in the Forensic Medicine course during the CPY through active participation under specialist medical guidance.

3.1 Competences to be achieved (mandatory)

A) History taking

1. Acquisition and inspection of police files and witness testimonies as well as reports from recent medical examinations
2. Interviewing a family member under supervision

B) Performance of examination techniques

3. Evaluation and documentation of post mortem examinations officially ordered by public health officials (determination of death, external examination, bodily changes, normal and pathological anatomy, natural and violent death, injuries, types of injury and how they occurred, forensic photography etc.)
4. Description and storage of evidence at post mortem examination
5. Examinations of victims and (suspected) perpetrators in cases of child abuse, domestic violence, traffic accidents etc.
6. Taking of samples (smears, tissue samples, blood etc.) for further analysis
7. Assistance in storage of biological evidence – blood, semen, sweat, hair, urine, stools
8. Assistance in differentiation of human bones from animal bones
9. Assistance in identification in terms of methodology and logistics in disaster medicine
10. Identification of typical injuries to victims of traffic accidents by external examination (traffic medicine)
11. Identification of intoxication/poisoning with typical changes and morphology
12. Application of knowledge of narcotics in terms of detection methods and effects in relation to the assessment of ability and fitness to drive
13. Application of the knowledge of alcohol in terms of detection methods, spectrum of effects and clinical assessment of blood alcohol levels as well as of ability and fitness to drive
14. Assessment of toxicology findings
15. Investigation of samples collected at post mortem examinations or from examinations of victims and (suspected) perpetrators

C) Performance of routine skills and procedures

16. Performance of an autopsy of a death from natural causes under supervision
17. Performance of an autopsy of a child (embryo, newborn, infant) under supervision
18. Performance of an autopsy of a violent death (e.g. traffic accident, suicide) under instruction

- 19. Collection of samples from post-mortems or examinations of victims and (suspected) perpetrators in cases of child abuse, domestic violence, traffic accidents etc.
- 20. Performance of moleculobiological, chemical, physical and microscopic detection methods
- 21. Preservation of bodies/body parts
- 22. Performance of odontological and radiological methods to identify and estimate age
- D) Therapeutic measures
 - N/A
- E) Communication with patient/team
 - 23. Discussion of team findings
- F) Documentation
 - 24. Preparation of autopsy protocols
 - 25. Preparation of an autopsy report
 - 26. Preparation of a histology report
 - 27. Preparation of a forensic report with interpretation of findings and additional investigations
 - 28. Preparation of a death certificate

4. Evaluation of Performance and on-going assessments

4.1 The following will be assessed in the Mini-CEX:

- 1. Case record/case review
- 2. Physical examination of an adult under supervision
- 3. Physical examination of a child under supervision
- 4. Interviewing a family member under supervision

This list can be expanded accordingly.

4.2 The following skills will be assessed in the DOPS

- 1. Performing an autopsy with removal of samples for additional investigations under supervision as well as preparation of a death certificate
- 2. Preparation of a histology report
- 3. Preparation and assessment of a toxicology, alcohol, or forensic report

This list can be expanded accordingly.

5. Subject-specific details regarding the CPY tasks

The learning objectives are designed to cover the skills encountered in the daily practice of Forensic Medicine, including the documentation of findings in living and deceased individuals, and to reinforce the critical Forensic knowledge every doctor should master, regardless of their future field of specialisation, such as advanced special investigation methods. The course content covers topics in classical and clinical Forensic Medicine. The practical activities focus on injury and intoxication assessments as well as familiarization with the most important legislation relating to medical practice.

The following CPY tasks must be completed in the subject of Forensic Medicine:

(A) Active tasks – mandatory component		Each 8 weeks
Case record/case review (brief)		8x
Physical examination of an adult under instruction		2x
Physical examination of a child under instruction		2x
Performing an autopsy on a death from natural causes with removal of samples for additional investigations under instruction as well as preparation of a death certificate		2x
Performing an autopsy on a child with removal of samples for additional investigations under instruction as well as preparation of a death certificate		1x
Performing an autopsy on a violent death (e.g. traffic accident, suicide) with removal of samples for additional investigations under instruction as well as preparation of a death certificate		1x
Preparation of a histology report		4x
Preparation and assessment of a toxicology, alcohol, or forensic report		2x
Interviewing a family member under instruction		8x
(A) Active tasks – mandatory elective component	Points	Each 8 weeks
Case record/case review (brief)	1	<i>Elective tasks – amounting to 10 points from at least 2 categories</i>
Physical examination of an adult under instruction	2	
Physical examination of a child under instruction	2	
Performing an autopsy on a death from natural causes with removal of samples for additional investigations under instruction as well as preparation of a death certificate	2	
Performing an autopsy on a child with removal of samples for additional investigations under instruction as well as preparation of a death certificate	2	
Performing an autopsy on a violent death (e.g. traffic accident, suicide) with removal of samples for additional investigations under instruction as well as preparation of a death certificate	2	
Preparation of a histology report	1	
Preparation and assessment of a toxicology, alcohol, or forensic report	1	
Interviewing a family member under instruction	1	

(B) Attendance at training and professional development events – mandatory component		Each 8 weeks
Professional development		2x
(B) Attendance at training and professional development events – mandatory elective component	Points	Each 8 weeks
Professional development	1	<i>Elective tasks – amounting to at least 4 points from at least 2 categories</i>
Attendance at Journal Club	1	
State-of-the-art presentation on specific patterns of injury on living persons	2	
State-of-the-art presentation on specific violent deaths	2	
Participation in scientific work	3	
External training and professional development events per ½ day (congresses, conferences etc.)	2	
Course attendance per ½ day (burnout prevention etc.)	2	