

Learning objectives – mandatory

The fulfilled and assessed learning objectives must be marked **by the student** with an x.

The **assessment** can be performed by the mentor in three ways: **direct observation** of the student during performance of a clinical activity (see page ii), **CPY task** (see page P4-P6), **Mini-CEX/DOPS** (see page v-vi). At the end of completion of the CPY tertial in the respective department, fulfilment of the learning objectives must be signed off by the mentor.

Competence	Objectives completed
History taking	
1. Evaluation of the clinical information necessary for preparing a neuropathological examination and if the necessary information is not available, initiating or generating collection of such information	<input type="radio"/>
2. Evaluation of the relevant findings from the case files/clinical notes for neuropathological autopsy	<input type="radio"/>
3. Interpretation and understanding of histopathological, immuno-histochemical, molecular and neurocytological findings and/or autopsy findings	<input type="radio"/>
Gross examination techniques	
4. Macroscopic assessment, evaluation and description of neurosurgical sample material obtained by surgery, biopsy or fine needle aspiration	<input type="radio"/>
5. External description of the corpse and brain removal	<input type="radio"/>
Routine skills and procedures	
6. Performing a surgical cut including gross examination, dissection and block selection	<input type="radio"/>
7. Preparing a surgical specimen for frozen section examination)	<input type="radio"/>
8. Familiarity with ordering a laboratory investigation for special stains and investigations e.g. immunohistochemical, histochemical, immunofluorescence and molecular tests, for diagnostic purposes	<input type="radio"/>
9. Evaluation of histological, immunohistochemical, molecular and neurocytological preparations	<input type="radio"/>
10. Identification and interpretation of neuropathological changes	<input type="radio"/>
11. Participation in an autopsy examination to determine the cause of death including clinicopathological correlation, and brain removal	<input type="radio"/>
12. Macroscopic evaluation of removed brains	<input type="radio"/>
13. Removal of samples for histological, serological and microbiological tests during the autopsy	<input type="radio"/>

Competence

Objectives completed

Communication with patient/clinical team

- | | |
|---|-----------------------|
| 14. Contacting clinicians to obtain the necessary information for making a complete neuropathological assessment | <input type="radio"/> |
| 15. Compilation of the most important points for the diagnosis and differential diagnosis of a neuropathological case | <input type="radio"/> |
| 16. Communicating with clinical colleagues to discuss the results of a pathological investigation | <input type="radio"/> |
| 17. Identifying and acting correctly in ethically problematic situations (during professional communication) | <input type="radio"/> |
| 18. Giving teaching presentations and passing on specialist information, procedures and skills to students, doctors and medical support professionals | <input type="radio"/> |
| 19. Participation in clinical-neuropathological case discussions and tumour boards | <input type="radio"/> |
| 20. Presentation of neuropathological cases | <input type="radio"/> |

Documentation

- | | |
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| 21. Writing a histological or neurocytological assessment and preparing a summary diagnosis | <input type="radio"/> |
| 22. Writing an autopsy report of the brain | <input type="radio"/> |
| 23. Diagnostic coding | <input type="radio"/> |
| 24. Working with local / national and international guidelines, protocols and audit measures | <input type="radio"/> |
| 25. Working with legal requirements | <input type="radio"/> |
| 26. Requesting information in hospital information system | <input type="radio"/> |

Verified by mentor

Learning objectives – optional

In addition to the competences that are mandatory to achieve, optional competences from the training programmes may also be acquired.

Competence as per training programme	Objectives completed
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Verified by mentor	

