

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
Taking a medical history	
1. Taking a targeted, hypothesis-directed history	☐
2. Identification of possible risk factors for surgery	☐
Performance of examination techniques	
3. Assessment of vital functions (body temperature, respiration, pulse rate, blood pressure, venous pressure)	☐
4. Symptom-oriented examination and the ordering of further diagnostics in the case of an acute patient	☐
5. Assessment of patients with neurosurgical emergencies	☐
6. Evaluation and discussion of neuro-radiological findings in a clinical context	☐
7. Identifying superficial wound healing problems	☐
8. Identifying deep wound healing problems	☐
9. Identification of post-operative bleeding	☐
10. Neurological/neurosurgical examination of comatose and sedated patients	☐
Performance of routine skills	
11. Using appropriate hand hygiene at the workplace	☐
12. Removal of wound sutures	☐
13. Application of a head bandage	☐
14. Performance of perioperative patient safety measures for neurosurgery (checklist, sign-in/time-out/sign-out)	☐
15. Preparation to watch / to assist in operating theatre (scrub-up, gown up, put on sterile gloves, etc.)	☐
16. Handling a central venous catheter	☐
17. Pre-operative preparation of operative field for minor surgery, asepsis and antisepsis	☐
18. Wound cleaning	☐
19. Correct removal of drains	☐
20. Correct removal of a central venous catheter	☐

Competence

Objectives completed

21. Correct performance of perioperative thrombosis prophylaxis	☐
22. Positioning a permanent peripheral venous cannula	☐
23. Performing a sterile dressing change and wound cleaning	☐
Therapeutic measures	
24. Caring for a head wound in an out-patient setting or in the operating room	☐
25. Treatment of superficial wound healing problems	☐
26. Treatment of deep wound healing problems	☐
27. Treatment of postoperative superficial (subgaleal, subantral) bleeding	☐
28. Management of postoperative complications [CSF leak, CSF fistula, etc.]	☐
29. Basic knowledge of neurosurgical and intensive care management of craniocerebral injuries	☐
30. Basic knowledge of neurosurgical and intensive care management of cerebral bleeding	☐
31. Basic knowledge of neurosurgical and intensive care management of ruptured cerebral aneurysms	☐
32. Prescribing measures in treatment of pain, palliative and end-of-life care	☐
33. Suture or clips after an operation	☐
34. Accompanying transport of casualties	☐
Communication with patient/team	
35. Communicating with severely ill patients	☐
36. Communicating with "difficult" patients and relatives	☐
37. Elaborating a clinical question and searching for its solution in the literature	☐
38. Notification of examination using instruments or of a specialist consultation with detailed explanation	☐
39. Informing colleagues and other professionals on findings and checking understanding	☐
40. Working in a multidisciplinary team	☐
41. 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	☐
42. Giving information to a patient for a planned neurosurgical procedure / intervention or for an anaesthetic procedure and obtaining consent	☐
43. Breaking bad news to patients and family (simulated situation)	☐
44. Summarizing the main points of diagnoses, active problems and management plans of a patient	☐
45. Clarifying with nursing staff monitoring measures and calling criteria concerning patients	☐
46. Managing patients with contradictory investigation results	☐
47. Discussing diagnoses/prognoses with patients	☐

Competence

Objectives completed

Documentation

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|---|-----------------------|
| 48. Recording findings in patient file | ☐ |
| 49. Writing a detailed referral for an examination (using instruments), e.g. CT | ☐ |
| 50. Writing a discharge letter | ☐ |
| 51. Writing a daily report of distinct medical parameters on the present status and progress of a patient | ☐ |
| 52. Filling in a death certificate and/or requesting post-mortem (simulated situation) | ☐ |
| 53. Diagnostic coding | ☐ |
| 54. Requesting information in hospital information system | ☐ |

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	