

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

Competence

Objectives completed

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

Competence

Objectives completed

Documentation

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