



Clinical Evaluation Exercise (MiniCEX)

1: Preoperative neurosurgical physical examination

Name of student: _____

Name of mentor: _____

	Not done	Done partially or incorrectly	Done correctly
Evaluates alertness and orientation	☐	☐	☐
Evaluates handedness	☐	☐	☐
Asks about current mood	☐	☐	☐
Examines cranial nerves	☐	☐	☐
Examines motor strengths	☐	☐	☐
Evaluates sensitivity	☐	☐	☐
Examines muscle stretch reflexes	☐	☐	☐
Evaluates coordination of all four extremities	☐	☐	☐
Performs gait examination	☐	☐	☐
Performs disease specific examinations (Lasegue, Trendelenburg, rigor, tremor, etc.)	☐	☐	☐
Evaluates skin area of planned surgery	☐	☐	☐
Correct interpretation of examination findings	☐	☐	☐
Structured examination	☐	☐	☐
Professional demeanor	☐	☐	☐
Empathy	☐	☐	☐
Explains examination steps in patient appropriate terms	☐	☐	☐
Gentle examination technique	☐	☐	☐

Cares for patient comfort	O	O	O
	Requirements not met	Satisfactory performance	Exceptional performance
Overall performance	O	O	O

What did the student do especially good?

What can be improved?

Date and signature of mentor:



Clinical Evaluation Exercise (MiniCEX)

2: Neurosurgical ward round

Name of student: _____

Name of mentor: _____

	Not done	Done partially or incorrectly	Done correctly
Introduction with name and function	☐	☐	☐
Asks about current condition	☐	☐	☐
Evaluates degree of independence regarding mobilization, personal hygiene and food intake.	☐	☐	☐
Assesses disease and treatment specific problems	☐	☐	☐
Evaluates current pain with individual pain scale	☐	☐	☐
Assessment of wound(s)	☐	☐	☐
Performs a targeted disease-specific neurologic examination	☐	☐	☐
Explains new findings and examination results (lab, imaging, etc)	☐	☐	☐
Outlines the further course	☐	☐	☐
Cares for patient-oriented setting	☐	☐	☐
Structured performance	☐	☐	☐
Professional demeanor	☐	☐	☐
Empathy	☐	☐	☐
Patient appropriate language/terms	☐	☐	☐
Permits questions by patient	☐	☐	☐

	Requirements not met	Satisfactory performance	Exceptional performance
Overall performance	0	0	0

What did the student do especially good?

What can be improved?

Date and signature of mentor:



Clinical Evaluation Exercise (MiniCEX)

3: Postoperative management of a neurosurgical patient

Name of student: _____

Name of mentor: _____

	Not done	Done partially or incorrectly	Done correctly
Evaluates alertness and orientation	☐	☐	☐
Evaluates current pain with individual pain scale	☐	☐	☐
Addresses current complaints	☐	☐	☐
Performs a targeted disease- and surgery-specific neurologic examination	☐	☐	☐
Examines drain (if present)	☐	☐	☐
Explains operative course and findings	☐	☐	☐
Outlines further course	☐	☐	☐
Prescribes postoperative Medication if necessary	☐	☐	☐
Correct assessment of the current medical situation	☐	☐	☐
Structured performance	☐	☐	☐
Professional demeanor	☐	☐	☐
Empathy	☐	☐	☐
Patient appropriate language/terms	☐	☐	☐
Permits questions by patient	☐	☐	☐

	Requirements not met	Satisfactory performance	Exceptional performance
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Overall performance	0	0	0
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What did the student do especially good?

What can be improved?

Date and signature of mentor:



Clinical Evaluation Exercise (MiniCEX)

4: Examination of a comatose/sedated neurosurgical patient

Name of student: _____

Name of mentor: _____

	Not done	Done partially or incorrectly	Done correctly
Examines alertness	☐	☐	☐
Examines protective reflexes	☐	☐	☐
Examines motor function (if possible)	☐	☐	☐
Examines pupillary reflexes	☐	☐	☐
Evaluates ICP and EVD drain (if applicable)	☐	☐	☐
Assessment of wound(s)	☐	☐	☐
Cardiac examination	☐	☐	☐
Pulmonary examination	☐	☐	☐
Abdominal examination	☐	☐	☐
Evaluation of the skin and pulses	☐	☐	☐
Views and interprets monitoring	☐	☐	☐
Views and interprets current laboratory results	☐	☐	☐
Views and interprets current microbiology results	☐	☐	☐
Views and interprets current radiographic examinations	☐	☐	☐
Correct interpretation of current status and examination findings	☐	☐	☐
Correct assessment of the current medical situation	☐	☐	☐
Generates a treatment plan	☐	☐	☐

Structured performance	0	0	0
Professional demeanor	0	0	0
Empathy	0	0	0
Patient appropriate language/terms	0	0	0

	Requirements not met	Satisfactory performance	Exceptional performance
Overall performance	0	0	0

What did the student do especially good?

What can be improved?

Date and signature of mentor:

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