

Mini-Clinical Evaluation Exercise (CEX) for Vascular Access

Evaluator : _____ Date : _____

Fellow : _____ First Year Second year

Patient : _____ Dialysis Access Type _____

Patient Age : _____ Gender : _____ CKD ESRD

Site : CKD Clinic HD Unit Vascular Access Clinic

Complexity of patient : Low Moderate High

Focus : Data gathering Diagnosis Plan of Care Counseling

1. **Medical Interviewing Skills** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

2. **Physical Examination Skills** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

3. **Ability to distinguish between an AVF and AVG** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

4. **Ability to assess function of vascular access** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

5. **Familiarity with signs of access thrombosis** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

6. **Familiarity with evidence of primary fistula failure** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

7. **Familiarity with signs and symptoms of central venous stenosis** (Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

8. Familiarity with evidence collateral veins (🍏 Not Observed)

1 2 3 4 5 6 7 8 9
UNSATISFACTORY SATISFACTORY SUPERIOR

Mini-CEX Time: Observing_____Mins Providing Feedback_____Min

Evaluators Satisfaction with Mini-CEX

Low 1 2 3 4 5 6 7 8 9 High

Fellow Satisfaction with Mini-CEX

Low 1 2 3 4 5 6 7 8 9 High

Comments:

Residents Signature

Evaluator Signature

DESCRIPTORS OF COMPETENCIES DEMONSTRATED DURING THE MINI-CEX

Medical Interviewing Skills: Facilitates patient's telling of story; effectively uses questions/directions to obtain accurate, adequate information needed; responds appropriately to affect, non-verbal cues.

Physical Examination Skills: Follows efficient, logical sequence; balances screening/diagnostic steps for problem; informs patient; sensitive to patient's comfort, modesty.

Humanistic Qualities/Professionalism: Shows respect, compassion, empathy, establishes trust; attends to patient's needs of comfort, modesty, confidentiality, information.

Clinical Judgment: Selectively orders/performs appropriate diagnostic studies, considers risks, benefits.

Counseling Skills: Explains rationale for test/treatment, obtains patient's consent, educates/counsels regarding management.

Organization/Efficiency: Prioritizes; is timely; succinct.

Overall Clinical Competence: Demonstrates judgment, synthesis, caring, effectiveness, efficiency.

Note 1: Reprinted with permission from the American Board of Internal Medicine, www.abim.org.

Note 2: Discussed in: Norcini JJ, Blank LL, Arnold GK, Kimball HR. The mini-CEX (Clinical Evaluation Exercise): a preliminary investigation. Ann Intern Med 1995;123:795-9.