



CAMEO

Clinic Assessment and Management Examination - Outpatient

Evaluator:	Resident:
Resident Level: 1 2 3 4 5	Date:

CAMEO is designed to observe and evaluate the performance of residents when they are functioning independently in making initial decisions about patient assessment and management and conduct of the patient encounter.

Have the resident take the lead on this initial patient encounter in your clinic. Before going to see the patient, give the resident the intake file absent any test results. Ask the resident, "What test results do you want?" Give the resident the test results and have the resident interpret them. Then ask the resident the following questions: 1) How confident are you that the presumptive diagnosis is correct? 2) What are the main competing diagnoses that remain for you? 3) What do we need to do to firm up the diagnosis when we see the patient?

Now go in and introduce the resident to the patient. Have the resident confirm the details of the history, perform the necessary physical examination, discuss management options with the patient and answer the patient's questions. Observe and evaluate the entire performance.

The caption above each checkbox provides descriptive anchors for 3 of the 5 points on the rating scale. Have the patient fill out the three Patient Perception items on the last page of the CAMEO form and return it to you. Add the patient's answers to your form when you complete it.

Chief Complaint

Indicate the patient's chief complaint and presumptive diagnosis

Case Difficulty

1	2	3
Complicated - Atypical presentation, multiple additional medical problems, multiple past surgeries, communication or interpersonal barriers present. Chief level case	Intermediate difficulty	Classic presentation - Few or no additional medical problems, no related prior surgeries, no communication or interpersonal barriers. Appropriate for junior resident

Test Ordering and Understanding

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA
Recommended tests and procedures that were clearly indicated by the findings; avoided over-ordering of tests; gave appropriate and clear instructions (e.g., fasting instructions) to patient to assure proper test administration and interpretation		Recommended tests and procedures that were generally appropriate, though some were marginally useful. Little awareness of cost/benefits		Tests recommended were not sufficient or appropriate for this patient. Resident had poor concept of test utility or cost/benefit for this patient	

Diagnostic Acumen

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA
Recognizes symptom patterns; includes appropriate alternatives in differential; efficient in pulling together information to confirm the diagnosis; takes appropriate steps to confirm the diagnosis		Recognizes obvious symptom patterns; reasonably efficient in pulling together information to confirm the diagnosis; misses some less obvious signs and symptoms		Fails to recognize clinically obvious conditions; grossly inefficient in pulling together information to confirm the diagnosis; misjudges severity of patient condition	

History Taking

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA
Precise, logical, purposeful and efficient; skillful at checking understanding of the findings		Missing some minor facts but relatively precise, logical, purposeful and efficient		Missing important information, inefficient, disorganized; failed to check understanding of results	

Physical Examination

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA
Excellent techniques, appropriately thorough, efficient, perceptive in picking up key signs		Good technique, reasonably efficient, omitted a few important elements, missed some signs		Poor technique, grossly inefficient, omitted key elements, missed some key signs, poor attention to patient modesty	

Communication Skills

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA
Explained presumed diagnosis and management appropriately using vocabulary appropriate to the patient; established excellent rapport with patient; professional at all times; answered patient's questions clearly and accurately		Explanation of presumed diagnosis and management were generally appropriate and free of medical jargon; appropriately empathic; professional at all times; answers to patient questions were generally clear and accurate		Explanation of presumed diagnosis and management were incorrect, missing or incomprehensible, poor rapport with patient, unprofessional at times, answers to patient questions were confusing or incorrect	

Overall Performance

5 – Clearly superior performance, 3 – Competent performance, 1 – Poor performance

5 Excellent	4 Very Good	3 Good	2 Fair	1 Poor	NA

Overall Comments:

CAMEO

Patient Perceptions of Resident Clinical Performance and Professional Behavior

Have the patient complete the following three items and return it to you. Transfer their answers to your form.

5 – Excellent, 4 – Very Good, 3 – Good, 2 – Fair, 1 – Poor

- 1) The resident listened to me, encouraged me to ask questions and took time to answer my questions.

5	4	3	2	1
Excellent	Very Good	Good	Fair	Poor

- 2) The resident's explanations about your medical problem, care, treatment and medications.

5	4	3	2	1
Excellent	Very Good	Good	Fair	Poor

- 3) The interest, courtesy and respect shown by the resident.

5	4	3	2	1
Excellent	Very Good	Good	Fair	Poor