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Tool: Key Features Exam

Learner Level: Clerkship or SubI students

Context: Inpt/ED/Outpt

This tool is an on-line High Value Care clinical decision-making exam. A key features exam assessing clinical decision making was developed to cover the CDIM curriculum and was validated at 8 medical schools. From this longer exam, 15 cases were selected to create a High Value Care key features exam. The rubric used to select cases was adapted from the rubric ACP used to select HVC questions within the IM In-Training Exam.

**Criteria for identifying Key Features cases that assess High Value Care**

1. Questions where the key feature is to treat a straightforward diagnosis based on clinical information without further diagnostic testing (just making the clinical diagnosis is not sufficient- examinees must demonstrate this two step process)
2. Questions where the key feature is to avoid over-ordering.
3. Questions that ask the examinee to choose from a list of options with similar efficacy based on differences in cost or harms.
4. Questions that ask the examinee to demonstrate a cost-conscious application of screening and prevention guidelines (e.g. stopping screening in patients with a life expectancy is less than 10 years, prioritizing the most effective screening tests in patients with limited time/resources).
5. Questions that that involve quality adjusted life year (QALY) at a population level, sensitivity and specificity, predictive values, likelihood ratios, and number needed to treat (NNH) calculations and/or decisions.

The HVC Key features exam takes 40 minutes and is delivered on-line through a platform administered by MedU. It is automatically scored.

In a study at 5 medical schools, students who completed at least ½ of the on-line HVC curriculum scored significantly higher on the key features exam.

Because it is a secure exam, access must be obtained by contacting [info@Med-U.org](mailto:info@Med-U.org).