

Competency III: Using Science to Guide Diagnosis, Management, Therapeutics, and Prevention (2004 IUSM Education Retreat, 10/11/04)

Example Assessments

1. Interactive computer instruction and/or videotapes
2. Multiple choice questions using clinical vignettes (USMLE recommends that 40% of exam questions be in a clinical vignette format)
3. Long and short essay questions
4. Research projects, papers and/or presentations
5. Laboratory-based educational experiences
6. Presentations of written or oral journal critiques
7. Small group discussions.
8. Southern Illinois University SOM uses the following assessment for their clinical reasoning which requires a scientific basis:

Clinical Reasoning

- Generates and justifies a broad range of hypotheses (DD_x)
 - Relates knowledge of basic mechanisms to patient findings and treatment
 - Tests hypotheses by use of H&P and diagnostic tests
 - Generates broad learning issues from cases
 - Synthesizes information effectively
 - Contributes to therapeutic plan for cases at a level appropriate to training
9. ACGME assessment toolbox - <http://www.acgme.org/Outcome/assess/Toolbox.pdf>
 10. USMLE Step 1