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INSTRUCTIONAL METHODS IN HEALTH PROFESSIONS EDUCATION



## **Clinical Competence**

- Multiple frameworks to understand learning
- Your ILOs should define pedagogical methods
- Your ILO's are also then connected to the assessments employed
  - MCQ's can work well for knowledge ILO's
    But what of clinical competence?

Miller GE. The assessment of clinical skills/competence/performance. Academic Medicine. 65(9)Supplement. S63-S67

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## Miller's Pyramid

Shows how

Knows how

Knowledge

Basis for performance of skills

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## Miller's Pyramid

Shows how

Knows how

Knowledge

Learning related skill How knowledge is employed

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## Miller's Pyramid

Shows how

Does

Knows how

Knowledge

Demonstrates the skill Performance objective Competence

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# Miller's Pyramid

Performs in independent, clinical practice

Knows how

Does

Shows how

Knowledge

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Miller's Pyramid

Shows how

Does

Knows how

Knowledge

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#### Familiar paradigms?

- Modified essay questions
- Patient management problems
- Simulations
- Standardized patients
- Objective Structured Clinical Examinations

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# **Goals for Instruction**

- Define clear learning outcomes
- Match instructional methods with those outcomes
- Support learning
- Valid and reliable assessments