Miller’s Pyramid: Clinical Competence

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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’s Pyramid

Knowledge

Knows how

Shows how

Does

Basis for performance of skills
Miller’s Pyramid

- **Knowledge**: Learning related skill
- **Knows how**: How knowledge is employed
- **Shows how**:
- **Does**:
Miller’s Pyramid

- Knowledge
- Knows how
- Shows how
- Does

Demonstrates the skill
Performance objective
- Competence
Miller’s Pyramid

Knowledge

Knows how

Shows how

Does

Performs in independent, clinical practice
Miller’s Pyramid

- Knowledge
- Knows how
- Shows how
- Does
Familiar paradigms?

• Modified essay questions
• Patient management problems
• Simulations
• Standardized patients
• Objective Structured Clinical Examinations
Goals for Instruction

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