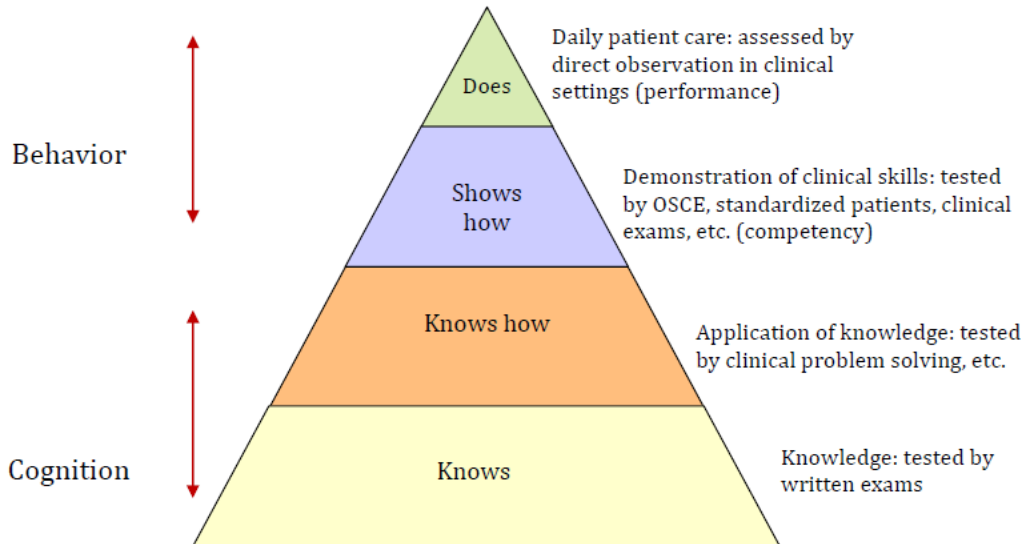


## Miller's Pyramid of Assessment

Miller's Pyramid of Assessment provides a framework for assessing clinical competence in medical education and can assist clinical teachers in matching learning outcomes (clinical competencies) with expectations of what the learner should be able to do at any stage.



Adapted from: Ramani S, Leinster S, AMEE Guide no 34: Teaching in the clinical environment. Medical Teacher, 2008;30(4):347-364.

**KNOWS** forms the base of the pyramid and the foundation for building clinical competence.

Example: Learner is assessed his/her knowledge of the principles/content of basic science knowledge through a multiple choice exam/similar assessment tools.

**KNOWS HOW** uses knowledge in the acquisition, analysis, and interpretation of data.

Example: Learner knows how to, given a patient scenario, utilise the history and physical examination and diagnostic test data to identify the scientific basis of the patient's condition or initial management plan.

**SHOWS HOW** requires the learner to demonstrate the integration of knowledge and skills into successful clinical performance.

Example: Learner shows how to diagnose, develop and implement a treatment plan and effectively explain it to the patient and/or family.

**DOES** focuses on assessment of clinical performance in actual practice settings.

Example: Learner demonstrates the ability to evaluate the patient's condition and to revise the management plan as warranted and counsel the patient and/or family.