

Competency Assessment and Outcome Measurement

The ultimate goal of the IISC is to positively impact patient care outcomes. Therefore, it is critical to routinely measure the impact of simulation training using on the quality and efficacy of education and the quality, safety and cost of patient care. Thus, helping you routinely assess and measure educational and clinical outcomes of health care students and practitioners is a high priority for the Interprofessional Immersive Simulation Center (IISC) staff.

When teaching or learning in the IISC, three levels of activity should be considered:

1. Learning skills, procedures and clinical processes
2. Practicing skills, procedures and clinical processes
3. Competency Assessment (self assessment and observer assessment)
 - a. Procedural skills
 - b. Clinical scenario management
 - c. Team functioning
 - d. Professionalism (communication skills, clinical judgment, etc.)

The IISC staff will support all UT faculty to develop simulation exercises and also partner with them to develop outcome measurements for their simulation activities. One of our goals is to enable faculty and students to observe the skill development and scenario activities through web-based technology that can be reviewed remotely which will greatly facilitate ease with performance reviews. Another goal is to capture outcomes measurement data and provide this to the faculty. This data will include the performance results of individual students for formative and evaluative feedback. Data will be collected for each formal session, enabling faculty to identify gaps in the curriculum for individual learners or class of learners.