



Society for Simulation in Healthcare
ACCREDITATION

Committee for Accreditation of
Healthcare Simulation Programs

SYSTEMS INTEGRATION

Standards and Measurement Criteria

Revised May 2016

Systems Integration Standards

Application for accreditation in the area of Systems Integration will be available to those Programs that demonstrate consistent, planned, collaborative, integrated, and iterative application of simulation for quality, patient safety, and risk management activities utilizing systems engineering and risk management principles to achieve excellent clinical care, enhanced patient safety, and improved outcome metrics across a healthcare system.

The two Systems Integration sections of the Standards are related to: (1) Mission & Scope and (2) Integration Activities.

1. MISSION & SCOPE

- a. *The Simulation Program's simulation activities are driven by the strategic needs of a clinical facility and/or healthcare system to improve quality of care.*
 - i. The Program mission and/or vision statement includes improving systems within a healthcare environment by enhancing the performance of teams, performance of the system, or patient safety and improving outcomes in health care delivery.
 - ii. Document or describe how the Simulation Program has been used as a resource by quality, patient safety, risk management, and/or similar groups for the improvement of healthcare systems in the past 24 months. This should include demonstration of bi-directional feedback.
 - iii. Provide a letter (2 pages maximum) from organizational quality, patient safety, risk management, or comparable leadership supporting the Program's role in achieving organizational quality, patient safety, and risk management and/or value goals.
- b. *The Simulation Program has a history of participation in organizational quality management system improvement activities including measurement of outcomes for purposes of improvement.*
 - i. Document or describe three (3) examples of simulation activities used by the program that demonstrate the integration of the Simulation Program to facilitate quality, patient safety, risk management, organization improvement, and/or quality outcomes projects/activities.
 - ii. Document or describe a systems engineering, human factors or other systematic approach used to solve or mitigate an organization-defined safety, quality, or value concern, including bi-directional accountability for the activity/project.
 - iii. Document reports of simulation-based findings for system-based initiatives to organizational leadership of the clinical facility and/or healthcare system.
 - iv. Demonstrate ongoing assessment of simulation-based systems integration programs.

2. INTEGRATION ACTIVITIES

- a. *The Simulation Program has clear evidence of participation by Simulation Program leadership in the design and processes of quality management system improvement activities at the organizational level.*
 - i. Provide documentation of ongoing involvement of Simulation Program leadership in the design and process of performance improvement activities at the organizational level over the last 24 months.
- b. *The Simulation Program has access to appropriate qualified human factors, systems engineering, psychometric, informatics, and/or other appropriate support or resources.*
 - i. Document or describe access to appropriate qualified human factors, systems engineering, psychometric, informatics, and/or other appropriate support or resources for systems integration activities.