Quality Improvement and Confirmation (QuIC) Projects: A method for rapid and verifiable improvement in focused aspects of individual performance in radiology departments

C. Matthew Hawkins, MD, Rebecca M. Pryor, BS, RT, Chris N. Alisp, BS, RT, & David B. Larson, MD, MBA

Cincinnati Children’s Hospital Medical Center, Department of Radiology, Division of Quality Improvement

The purpose of the Quality Improvement and Confirmation (QuIC) Project process is to enable rapid and verifiable improvement in individual performance of radiologists that could be important aspects of patient care.

The goals of a QuIC Project are to:

1. Define specific tasks performed by an individual radiologist that are delayed, prone to error, or not currently auditable.
2. Determine individual performance metrics that are derived from evidence, local/national consensus, or measurement of specific elements that contribute to overall departmental quality.
3. Perform continuous data auditing to confirm that performance has improved.

In addition to the benefits of measurable improvement, this process has several strategies to reduce any potential for misperceptions, including:

1. A change where the means to reach the outcome is not clearly known.
2. A change where there is no evidence in the literature on how to perform it.
3. A change where the means to reach the outcome is not clearly known.

The QuIC Project process has been successfully implemented within our department. The process is known to be an approach toward targeted performance improvement and is systematically performed with at least three phases per project.

In this study, there have been four QuIC Projects performed and the QuIC Questions answered within our department. The QuIC Projects are informative and shown graphically in Figures 4 and 5.