Thinking Like A Scientist ... And An Engineer: Training future leaders and innovators in health care systems and delivery

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The QI elective for medical students ran for two years, from 2011 to 2013. The elective started strong with an average of 6-8 attendees, but were poorly attended in the last year with an average of 2-3 students per session.

Root cause analysis: We conducted individual interviews of faculty sponsors, lecturers, and student leaders involved in the QI elective, regarding reasons for poor attendance, and ideas for improvement.

Countermeasures: Feedback from the root cause analysis led to the generation of counter measures, or solutions for improvement.

DO: A Student Survey was launched in January 2015 to all 4 class years to evaluate the feasibility and interest level of the countermeasures and gauge overall interest in leadership content.

STUDY: Results of the survey were collected and analyzed.

ACT: A new education platform can be developed and implemented based on findings in the root cause analysis, counter measures, and student survey.