Implementation of resident-driven, quality-based improvement projects at a single academic institution: Resident value and institutional outcomes
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Significance
Finding a viable and sustainable methodology for resident involvement in surgical quality improvement is not only a GME requirement, but also imperative to patient care.

**Population and Methods**
From July 2013 through June 2015, thirty-nine general surgery residents at our institution were divided into 6 teams to design and implement resident driven quality improvement projects.

**Results**
Outcomes of our curriculum were mixed. We have assessed challenges through resident feedback sessions and surveys to redesign this year’s curriculum based on the QITI handbook—adding additional support through structured workshops and an online project management portal.

**Lessons Learned**
- Proper education in QI principles and unending support along the project continuum are key to effectively integrating quality improvement into the surgical residency curriculum.
- Pre- and post-implementation assessments of residents’ level of attitudes, exposure and knowledge are necessary for continued curricular quality improvement.