

Practice Quality Improvement and its role in ABR MOC

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Learning objectives

1. Review the PDSA cycle and its application to PQI.
2. Discuss strategies for action in the example presented.
3. Examine strategies for successful group PQI projects.

Maintenance of Certification

- American Board of Radiology
 - Time-limited certificates
 - Continuous certificates issued in 2012 and thereafter
 - Lifetime certificates must voluntarily enroll

We are from the ABR and we are here to help you

We are from the government and we are here to help you....



ABR requirements MOC

- Evidence of professional standing- active unrestricted state license
- Lifelong learning and self assessment
 - 75 Category 1 CME every 3 years
 - 25 of the 75 must be self-assessment CME (SA-CME), including SAMs, SDEPs, AMA CME activities in 'enduring materials' or 'journal-based CME' formats
- Cognitive Expertise- Passed ABR Initial Certification or MOC exam in previous 10 years
- Practice Quality Improvement (PQI)

PQI

- One project every 3 years
- Projects can be individual or group
 - Recording templates are available on the website
 - Participation requirements
- Categories
 - Safety (patients, employees and the public)
 - Accuracy of interpretation and calculations
 - Report turnaround times
 - Practice guidelines and technical standards
 - Surveys

Practice Quality Improvement

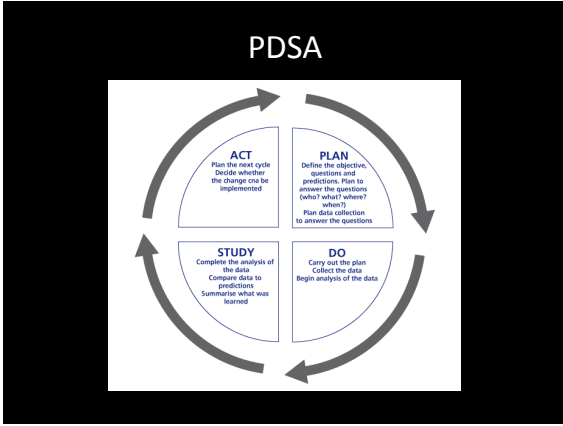


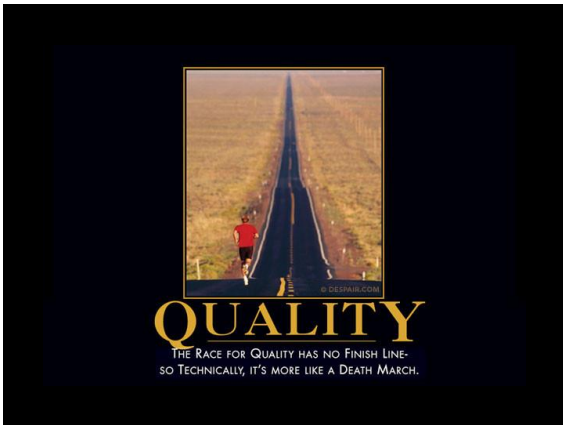
PDA



PDSA

- Plan-Do-Study-Act
 - Same as PDCA
- Made popular by W. Edwards Deming (who called it the “Shewhart cycle”)
- Based on scientific method and the fundamental principle of iteration.
- JUST DO IT
 - Avoid analysis paralysis
- As simple as it sounds. Great for less complex problems.





Add PQI Project

Project Title*

Project Abstract

3000 characters remaining

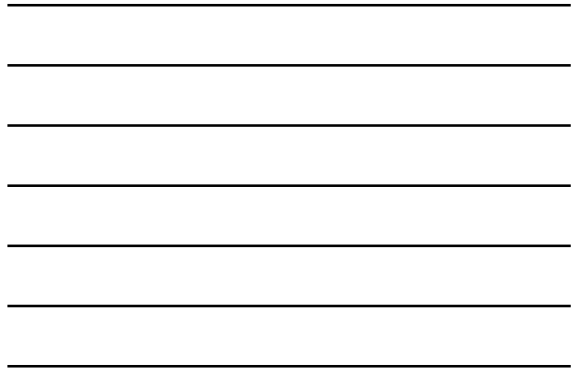
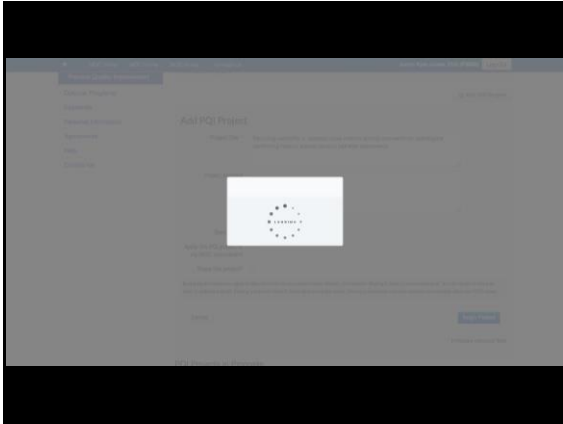
Start Date*

Apply the PQI project to all MDC requirements

Share this project

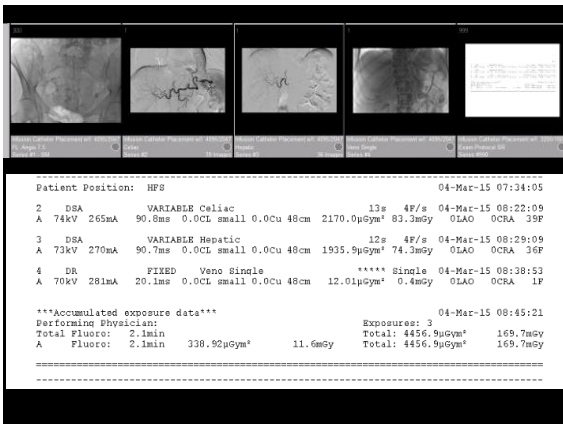
* Indicates required field

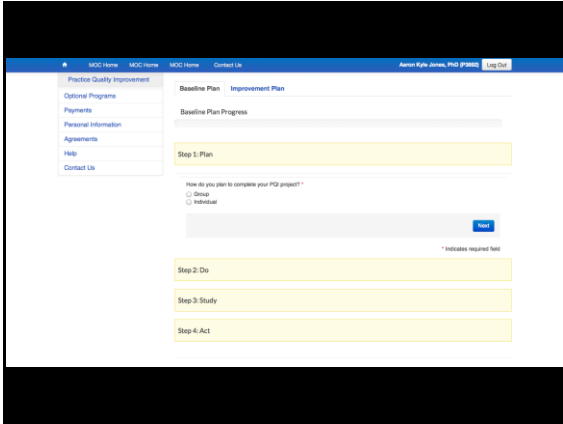
PQI Projects in Progress

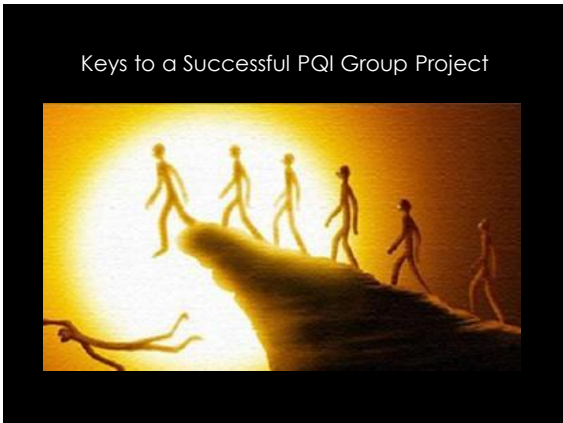


But before we even logged in...

- Define a specific goal
- Attack one specific phase of a process
- Set a specific goal







- ### Group PQI Projects
- Definition- 2 or more (MD or PhD)
 - Project/ Team leader identified
 - Attendance- 3 or more group meetings, minutes taken and attendance documented.
 - Participation- fulfill meaningful participation requirements
 - Final sign off by project leader
 - Self attestation will provide credit

Benefits/motivation for group project

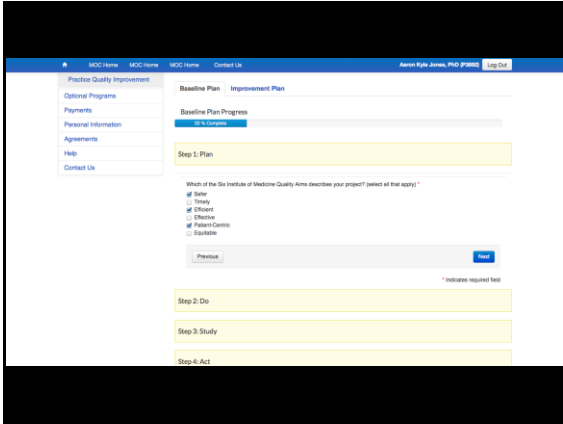
- Aggregate resources and accomplish more
 - Improve the care you provide
 - Improve your work environment
- Aligned incentives
 - Radiologists
 - Physicists
 - RN/Techs
- A more significant project is more likely to get hospital support/resources

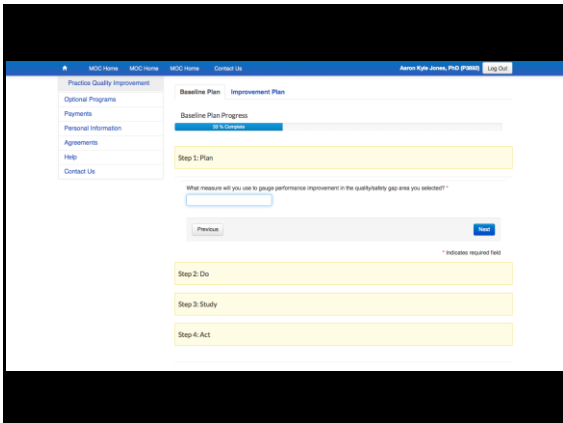


COMMITTEES
JUST LIKE TEAMWORK... ONLY WITHOUT THE WORK.

Next Steps

- Project identification
- Society-sponsored, pre-approved projects
 - RSNA
 - ABR website
- Group-Designed PQI projects
 - Do not require approval
 - Must use PDSA method
 - Must have active participation and group meetings



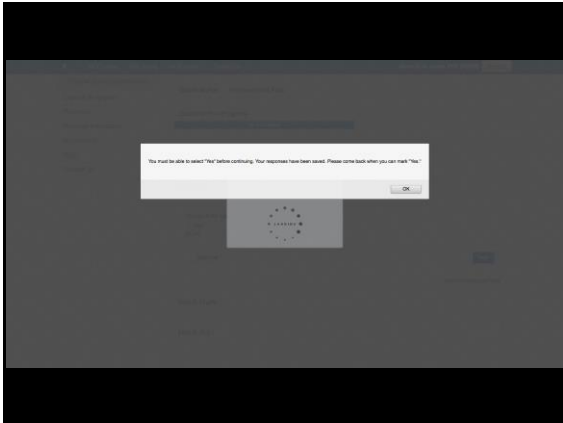


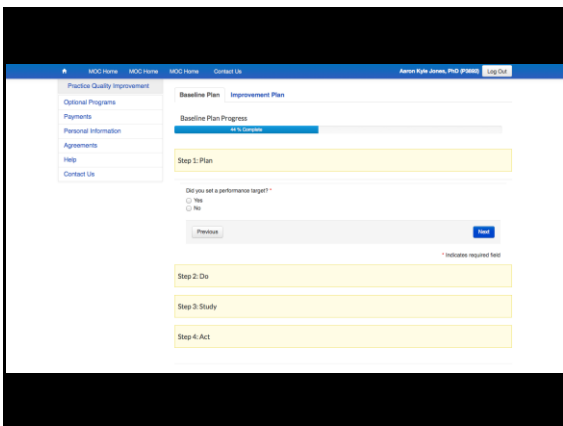
Data collection

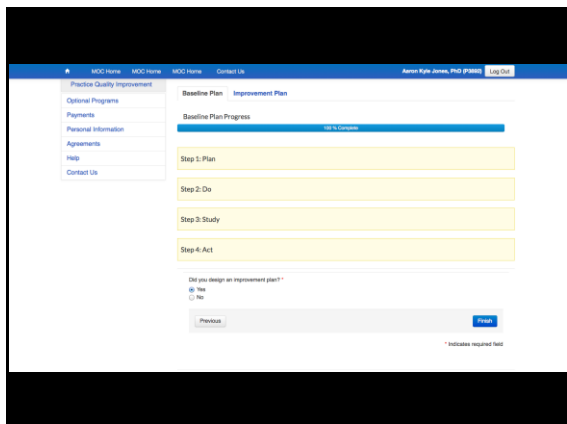
- It is important to select a goal that is *measurable*
- It is important that data are *accessible* and *collectable*
- Radiation dose metrics are very convenient

The Do tab

- Questions about the collection of data
 - Starts at the end of the “Plan” tab with a question about setting a performance target
- The only way to move on is to answer “Yes” to these questions
 - If you haven’t completed one of the steps, save the project and work on completing that phase

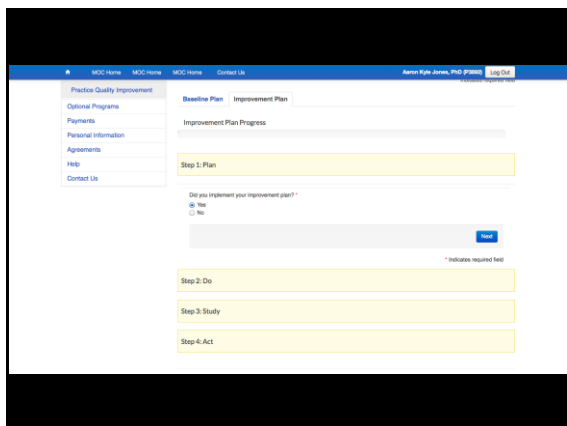


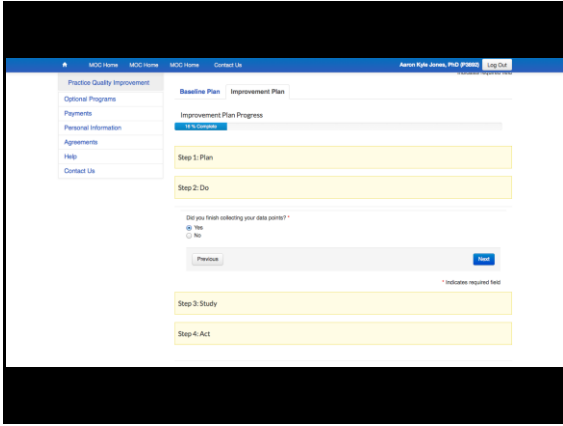


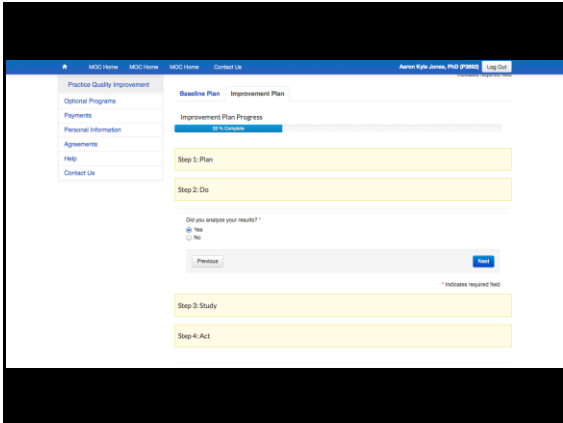


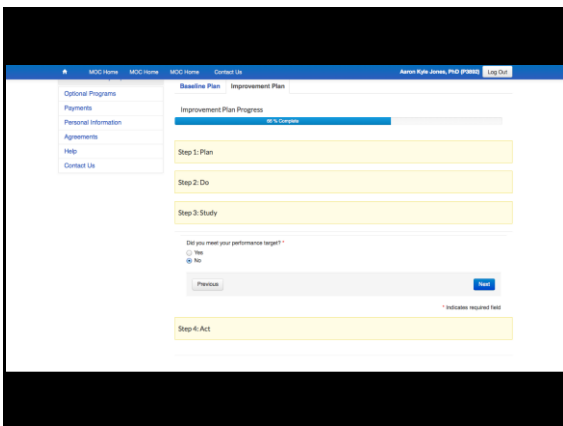
Our plan

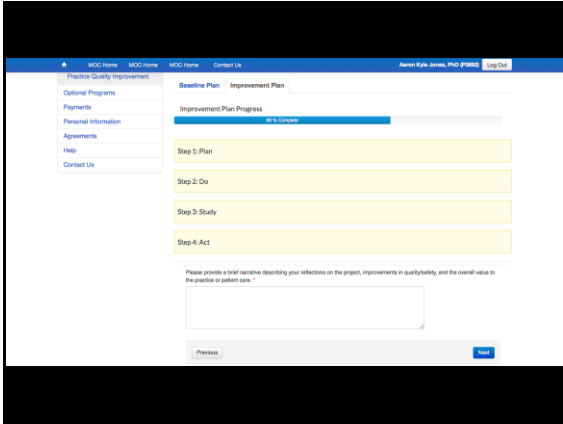
- Educate our IR's on how to use the store fluoroscopy function
- In-service on best technique for getting a high-quality stored fluoroscopy series
- Engage technologists to participate

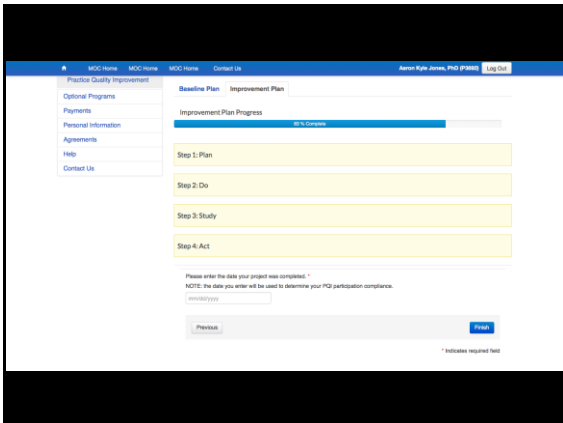












Pitfalls and quirks

- No free navigation
 - Navigation is linear – forward or backward from the current point
 - If you have to go back to the Baseline tab after going to the Improvement Plan tab, you have to start from the beginning and go through all the prompts again
 - And even this doesn't work very well
- Don't screw up the date (and make sure everything is correct) at the last step
 - There is no way to edit a "Finished" project – you have to delete and re-enter

ABR, MOC, PDSA...not just for breakfast anymore!



Fin

- Check the ABR website
- Consider using group projects
- If you are uncomfortable or just starting, use a 'plug and play' template solution.
