Aim:
To determine the core knowledge fellows need to complete QI projects and develop a workshop to provide tools for performing projects.

Description:
Following the new Accreditation Council for Graduate Medical Education (ACGME) mandates, more subspecialties have expressed interest in training their fellows on Quality Improvement and Patient Safety, but have a limited amount of time and expertise to carry out this type of education and to develop robust projects. Therefore, we developed a QI workshop targeted to fellows and supervising staff.

Methods:
• Highlight patient safety statistics
• 6 aims of healthcare quality
• Review the current ACGME/CLER requirements
• Discuss important vocabulary and topics:
  • Error
  • Adverse event
  • Close call
  • Human Factors Engineering
  • Hierarchy of Actions
• Systems approach to QI
• Incident Reporting
• QI Toolkit
  • How to identify a process in need for improvement.
  • Setting up a SMART goal:
    • Specific
    • Measurable
    • Achievable
    • Reportable
    • Time-bound
• QI Strategies:
  • Lean
  • Six Sigma
  • 5S
  • PDSA
• Measurement: Donabedian’s Triad
  • Structure
  • Process
  • Outcomes
• QI Tools
  • Tracers
  • Process Map
  • Event Flow Diagram
  • Ishikawa
  • PDSA

Future Plans
• Extend the workshop to all medicine subspecialties and other non-medical specialties as well.
• Conduct follow-up workshops designed to address identified process issues and assist the fellows and residents in creating a strategy to tackle them.
• Extend workshop to faculty and other healthcare professions such as nursing and pharmacy.

References:
http://www.acgme.org/acgmeweb/
Choosing Wisely: http://www.choosingwisely.org/
Institute for Safe Medication Practices (ISMP)
Joint Commission: www.jointcommission.org
National Center for Patient Safety