INTRODUCTION: Background

• The Structural Heart Team works in a dynamic, fast-paced, high procedural volume environment with multiple team members
• Highly recognized for successes in:
  o Patient outcomes
  o Patient satisfaction
• Continued growth in procedural volume & innovative tech in the Cardiac Catheterization Laboratory (CCL) → increased complexity of CCL fellowship training

Aim/Purpose/Objectives

• Improve communication and feedback between fellows ↔ faculty
• Improve the effectiveness and efficiency of the CCL

METHODS: Interventions/Changes

• Explicitly defined CCL fellow’s role by PGY status
  o Delineated levels of supervision x whom (attending, IC fellow)
  o Feedback frequency, formality, timing (pre-post procedure)
• Promote in office procedural consent - goal >70% outpatient
• Earlier procedural case assignment to the fellows
• Fellow confirmation of procedure and access site

METHODS: Measures/Metrics

• CCL data regarding volume, transition, and delays
• Clinical Learning Environment Quick Survey (CLEQS)
• Mayo Well-Being Index
• ACGME annual fellows survey re: feedback

RESULTS: Continued

CCL EFFICIENCY & EFFECTIVENESS*

• Perceived increase in outpatient CCL consents

CLINICAL LEARNING ENVIRONMENT QUICK SURVEY (CLEQS)*

• 7%-8% Decrease Fall 2019 to Feb 2021 in scores
  o Professional Candidness
  o Perceived level of respect in the CCL lab
  o Perceived teamwork effectiveness

MAYO WELL BEING INDEX SCORES

• 0.42 Improvement in Cardiology Fellows score between Sept 2020 & Jan 2021
• Jan 2021 average score was 0.70 better than specialty rating

* Data results area composite of Attending Physicians, Fellow Physicians, Nurse Practitioners/Physician Assistants, Nurses, Radiology Techs, others

Key Findings

• Improvement on 3-4 metrics (small decrease in CLEQS)

Limitations

• Change in fellows, staff, and attendings in the lab during different times in academic year
• Data potentially impacted by pandemic – time away from CCL lab and then very active since restart

Next Steps and Sustainability

• Continue to instruct all CCL stakeholders on fellows’ roles and expectations
• Seek strategies to increase faculty/fellow investment in project and avoid stake holder burnout
  o Establish policies/ incentives to promote change