

ACS Cancer Conference 2025

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Cutting-Edge Collaboration: Leveraging Inter-Professional Data to Identify QI Opportunities

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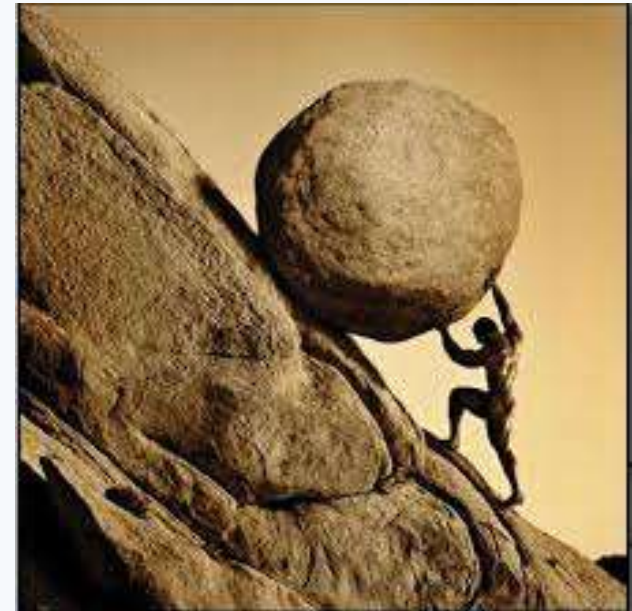
HOPA Representative: CoC Member Organization and QI Committees

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QI Dilemma



You are not alone!



Hospital/Health-System QI



PATIENT SAFETY:
REDUCING ERRORS AND
IMPROVING
PROTOCOLS



**EFFICIENCY &
WORKFLOW:**
OPTIMIZING PROCESSES
FOR BETTER CARE
DELIVERY



**EVIDENCE-BASED
PRACTICES:**
IMPLEMENTING THE
LATEST RESEARCH INTO
DAILY PRACTICE



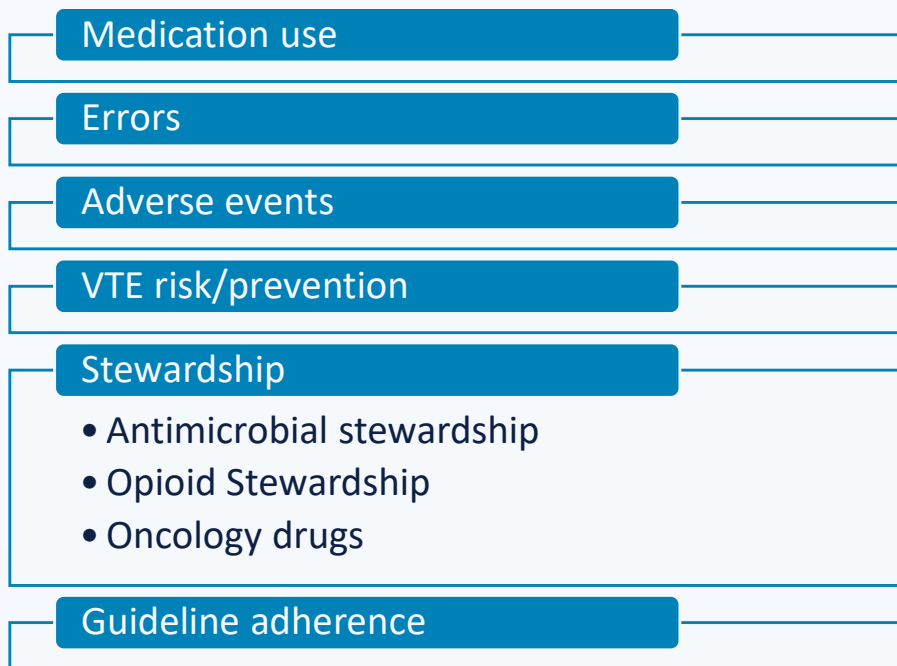
**PATIENT-CENTERED
CARE:** ENHANCING
COMMUNICATION AND
SHARED DECISION-
MAKING



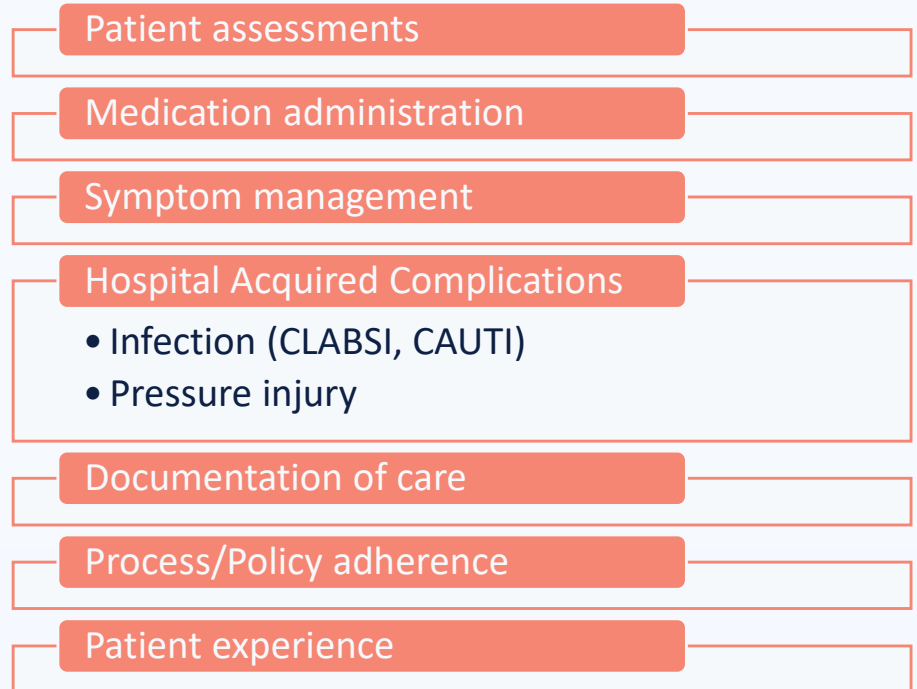
**DATA-DRIVEN
IMPROVEMENT:** USING
METRICS TO GUIDE
AND TRACK PROGRESS

Data Landscape

Pharmacy Data



Nursing Data



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Data Landscape

Dietitians

- Nutrition status
- Risks
- Glycemic control

Case management

- Care coordination/TOC
- Readmission rates/risks

Social work

- Access to care/resources
- Distress screening
- Financial toxicities

Examples of Collaborative QI Work from Available Data

Fertility Assessments

Problem

Only 49% newly diagnosed female patients with documentation of fertility assessment prior to cancer treatment

Goal

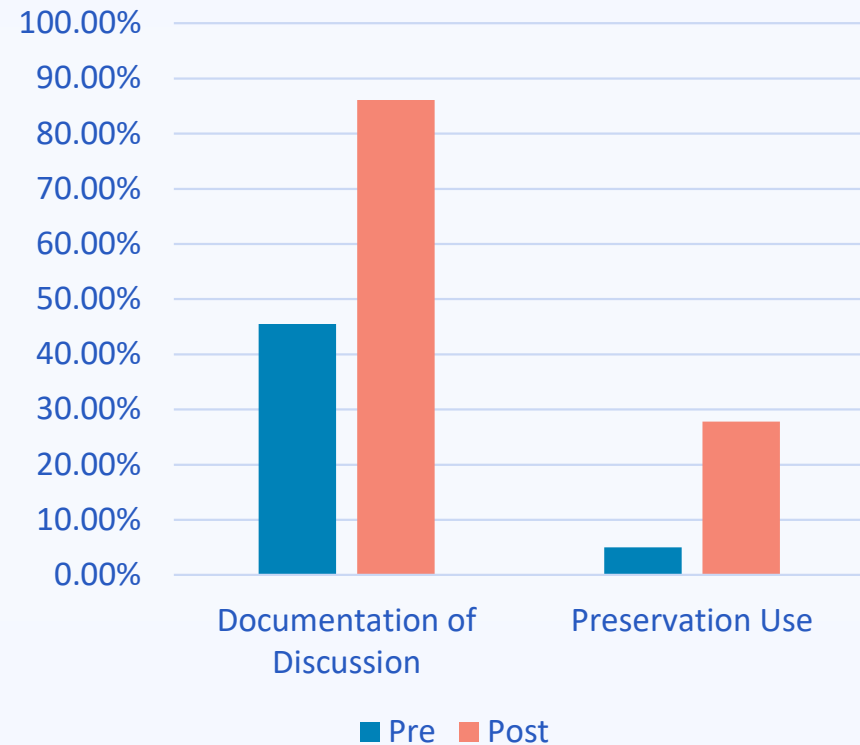
- Identify barriers
- Improve process for patients seeking fertility preservation

Intervention

Required field for documentation of fertility discussion in CPOE treatment plan

Outcomes

- Improved documentation
- Increase use of fertility preservation strategy



McCann C, et al. J Adolesc Young Adult Oncol. 2024. PMID: 37610879

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Paclitaxel Infusion Reactions

Problem

- Provider observation of high incidence of hypersensitivity reactions with paclitaxel
- Implemented titration protocol for GYN/ONC patients
- Inconsistent administration practice across services

Goal

- Validate incidence of HSN reactions across all services
- Standardize administration across service lines
- Determine impact of titration protocol

Intervention

Titration protocol implemented for first 2 doses of paclitaxel

Outcomes: Full review underway

- Incidence of paclitaxel HSR
- Impact on infusion chair time

Titration Schedule

10 ml/hour x 5 minutes

25 ml/hour x 5 minutes

50 ml/hour x 5 minutes

100 ml/hour x 5 minutes

Full infusion rate for remainder of infusion

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Optimizing Inpatient Chemotherapy Administration

Problem

- High demand for inpatient beds
- Limited beds for specialty care (e.g. SCT)

Goal

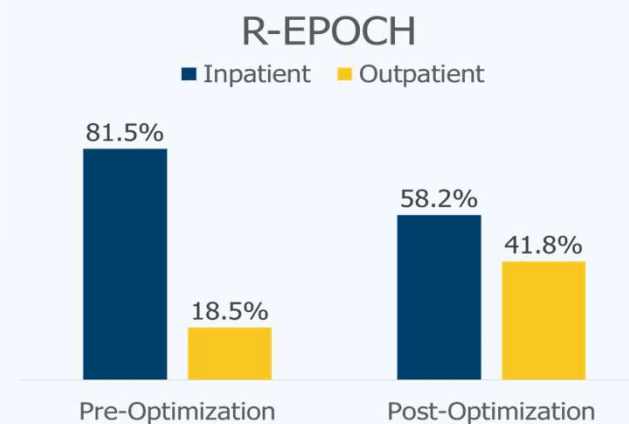
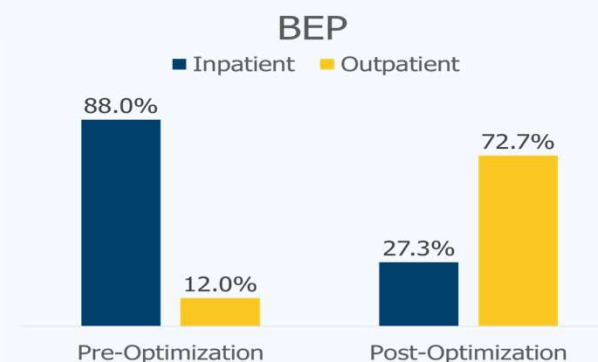
- Improve inpatient bed capacity

Intervention

- Identify chemo regimens that can safely be administered outpatient
- Prioritize outpatient administration when feasible

Outcomes

- Optimized site of care for BEP and R-EPOCH regimens
- No increase in readmissions/complications
- Inpatient beds remained at 95% capacity



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Work
smarter in
collaboration

