

Improving the Quality of Multidisciplinary Gastric Cancer Care in the Safety Net Setting at ZSFG

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BACKGROUND

- Gastric cancer is a leading cause of cancer death worldwide
- Disproportionally affects people of East Asian and Latin American ethnicities
- Multidisciplinary providers at ZSFG previously recognized a need to improve the quality of gastric cancer care

METHODS



Pre-post study evaluating a QI intervention:

- Pre-intervention chart review:** retrospective chart review of all patients with gastric adenocarcinoma at ZSFG 2017-2019 (n=17)
- Establish targets:** Multidisciplinary meetings identified barriers to high quality care and established targets for improvement
- Implement intervention:** Context-specific algorithm was disseminated to standardize gastric cancer management at ZSFG
- Post-intervention chart review:** retrospective chart review of all patients with gastric adenocarcinoma at ZSFG managed in 2021-2022 (n=22)
- Statistical analysis:** Descriptive statistics and pre-post comparison with Chi square and Kruskal Wallis tests

DISCUSSION

- QI intervention was successfully implemented to standardize gastric cancer at ZSFG
- Statistically significant improvements were seen in all targeted metrics, except time to outside PET scan.
- Confounders: workforce changes, COVID-19 pandemic

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A multidisciplinary intervention to standardize gastric cancer management at ZSFG led to significant improvement in all targeted metrics

