

Breast Cancer Awareness Month Quality Improvement

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Purpose

- Routine screening for breast cancer can help reduce breast cancer mortality rates, reduce diagnoses at an advanced stage, and improve quality of life.
- AWe developed a team based QI project at our urban family medicine clinic to increase rates of mammogram orders during Breast Cancer Awareness Month in October 2023.

Methods

- A clinic wide QI project involved physicians and residents divided into two teams; Vikings and Packers. There was also a competition among medical assistants. Points were tracked with stickers on a football themed display in a shared work space in the clinic. Winners were awarded prizes at the end of the month, and results presented during clinic noon conference.
- Resident/physician teams received an extra point (1 pt) for every chart reviewed in which the patient was up to date with mammogram screening, a field goal (3 pts) for ordering a mammogram, and a touchdown (7 pts) for receiving a mammogram result. Medical assistants scored a point for every mammogram order they queued.



Results

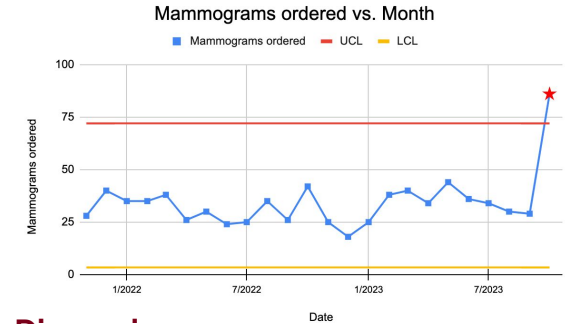
Mammograms ordered → 87

- 32: average number of mammograms ordered over the previous 23 months

Mammogram results received → 46

Up to date charts reviewed → 53

Statistical Process Control Chart was utilized in order to assess for statistical significance of the project. Upper control limit (UCL) and lower control limit (LCL) were determined by $p < 0.003$.



Discussion

- The results, displayed through control charts, demonstrate a statistically significant increase in mammogram orders in October 2023 ($p < 0.003$).
- Implementing a team-based competition fosters camaraderie, and is an effective strategy to promote preventative healthcare maintenance and address care gaps.

Future considerations

- Develop strategies to maintain mammogram ordering frequency.
- Educate clinic team members and patients on updated breast cancer screening guidelines and recommendations.



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