



Improving Rates of Breast Cancer Risk Assessment Completion at Time of Screening Mammography

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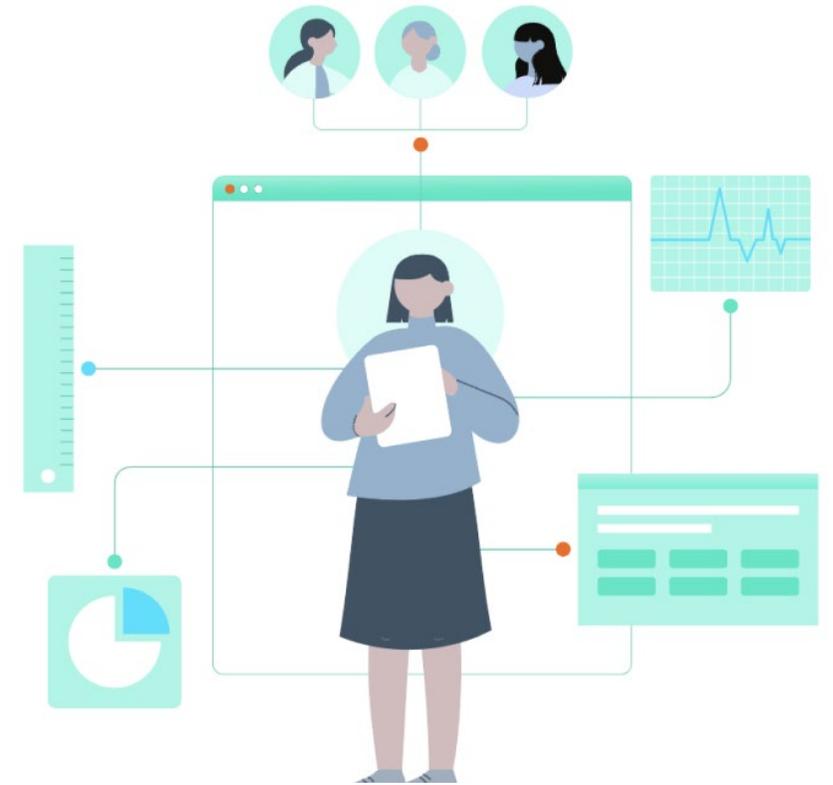
Purpose

Early Screening: Women at high risk for breast cancer benefit from earlier mammographic screening and supplemental screening MRI.

Risk Assessment: Cancer risk assessment (CRA) tools triage women into risk categories to guide appropriate screening.

Challenge: In the first month of CRA tool administration, only 9% of patients completed screening

Goal: Increase CRA completion rate

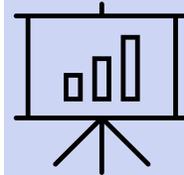


Key barriers to screening completion



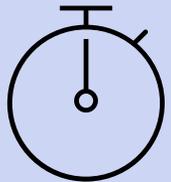
Language

English-only administration missed significant numbers of patients who often spoke Spanish or Cape Verdean Creole



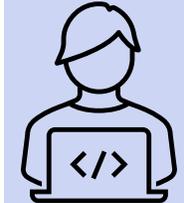
Limited Options

Limited options for completing CRA screening tool at time of mammography



Availability

Availability was limited to business hours



Manual Data Entry

Technologist needing to input breast density



Training

insufficient training of staff in explaining CRA screening to patients

Interventions

CRA screening was emailed to participants prior to mammography visit



patients were actively encouraged to complete CRA by staff at time of mammogram,

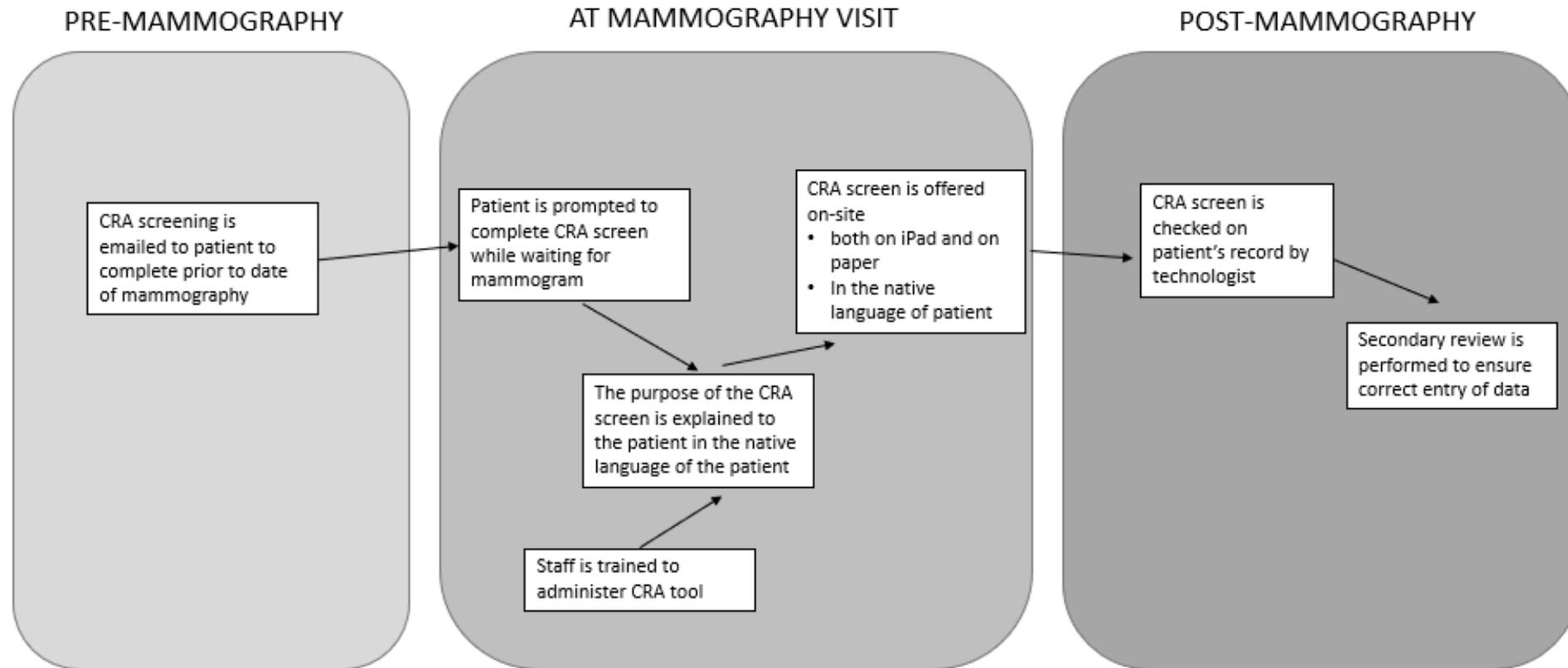


forms with multiple languages were offered in both virtual (iPad) and paper format,



screening completion was double-checked by a technologist and administrator to ensure correct entry of data

Methods



Results: Immediate increase in CRA completion rates.

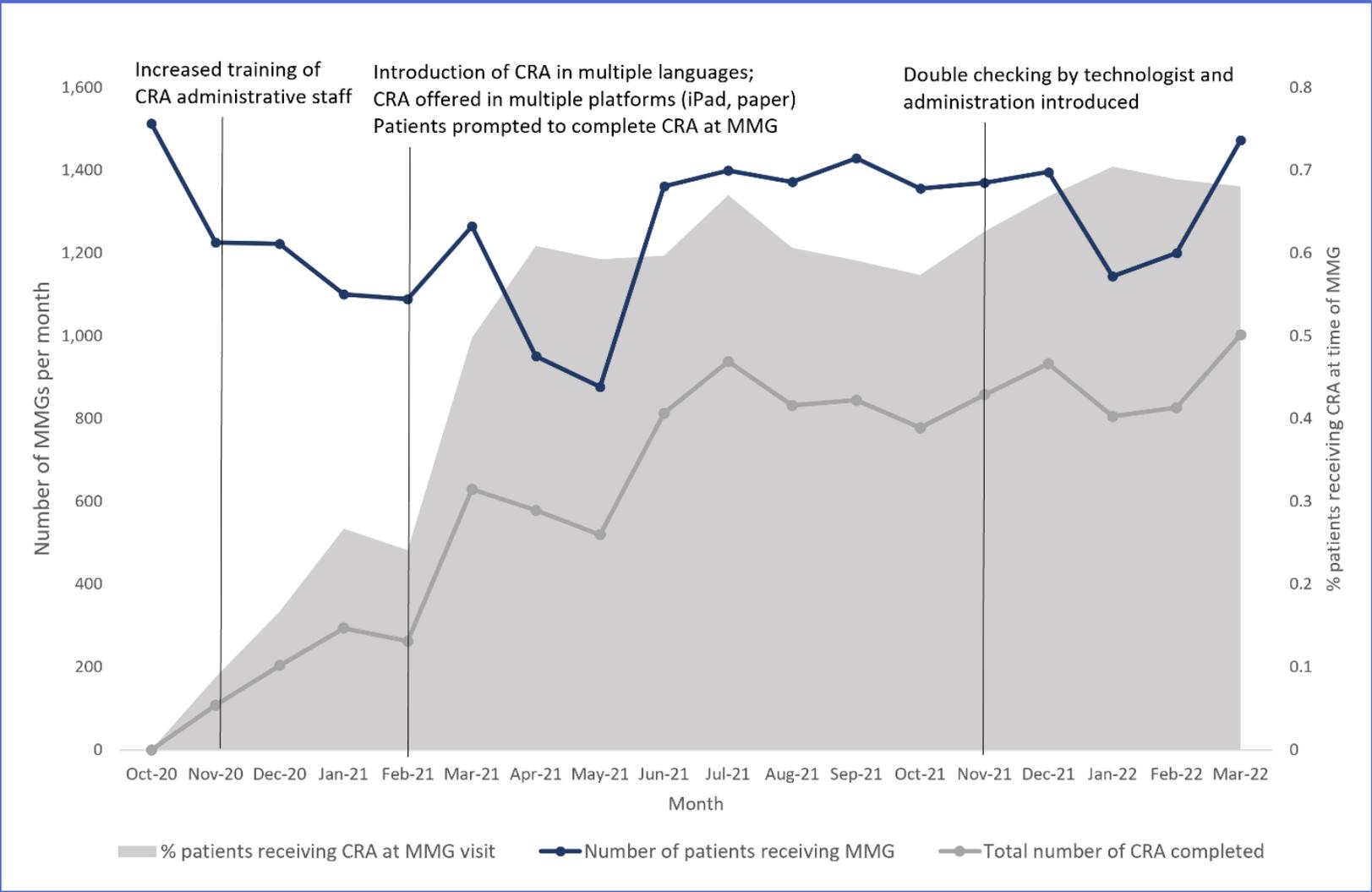


Figure 2: Percent of patients with successful CRA completion:

4 Mos:
8.8% → 50% in the first four months (p<0.01)

18 Mos:
50% → 71% at 18 months (p<0.01)

Conclusions

Using classic process improvement tools and a multi-step intervention focused largely on removing patient barriers to CRA completion, we significantly increased the rate of CRA completion at our breast imaging centers

Thank You!

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