

An Innovative Population Health and EMR Curriculum

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INTRODUCTION

- Health systems are investing in informatics to improve patients' health and align with quality focused reimbursement models
- Resident physicians need training to use these Electronic Medical Record (EMR) tools
- Teaching these skills in resident primary care clinic is challenging due to limited time
- We developed and implemented a curriculum to address this gap

OBJECTIVES

- Use the EMR to identify and address population health care gaps at a clinician panel level
- Develop and assess resident skills in practice-based learning and systems-based practice through a novel longitudinal multi-site population health curriculum

We implemented an innovative EMR-based population health curriculum.



Identify Need

- ACGME requirements
- Health system metrics
- Interest in EMR Skills



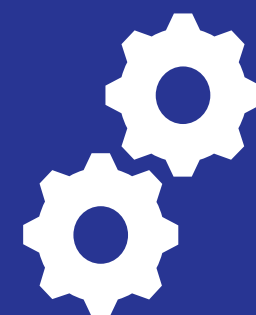
Build Team

- Health system leaders
- Residency program leaders
- Faculty preceptors
- Chief Resident



Decide Targets

- Health system priorities
- Resident learning needs



Implement

- Identify provider panel patients in need of intervention
- Use EMR tools to address gap (portal messages, letters, orders)
- Guides included teaching points



Analyze

- Resident surveys
- EMR data
- Patient outcomes



Sample Exercise

RESULTS

- Curriculum introduced to over 150 residents
- Initial survey response indicated most residents (81%, n=21) were not comfortable with panel management prior to curriculum

DISCUSSION

- Residency program support was critical to integration and legitimacy of curriculum
- Health system leaders supported implementation. System priorities aligned with resident learning needs, e.g., hypertension, diabetes, and cancer screening
- Asynchronous curriculum allowed for flexibility in delivery but limited resident engagement

NEXT STEPS

- Deliver and analyze end-of-year survey assessing resident confidence in EMR skills and perceptions of the curriculum
- Narrow number of target metrics to focus efforts and reinforce concepts
- Improve resident engagement by integrating into clinic flow
- Evaluate impact on patient outcomes at clinic and provider level



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FINANCIAL DISCLOSURES | None