

UC San Diego

Family Medicine Research Symposium 2025

Title

Enhancing Prenatal Care and Resident Learning Through Structured Obstetrics Chart Review

Permalink

<https://escholarship.org/uc/item/7s687580>

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Publication Date

2026-10-13

Peer reviewed

Purpose

Supervising maternity care in our large Family Medicine residency spanning three clinic sites presents challenges, especially as some faculty precepting continuity clinic do not practice maternity care. This study aims to enhance resident competency in perinatal care through an Obstetrical Chart Review initiative.

Methods

We developed and implemented a structured OB Chart Review process to enhance oversight beyond traditional prenatal visits. A customized report within EPIC identifies all prenatal patients receiving care in our Family Medicine Department. From this report, we generate a list of patients followed by residents and notify each resident in advance to prepare for the review. A standardized checklist is used to ensure that standard prenatal care is being met. During protected didactic time, residents present their continuity prenatal patients to maternity care faculty and peers. These sessions provide immediate feedback, facilitate discussion of best practices, and allow for collaborative problem-solving. Residents who are not presenting benefit from reinforcement of standard prenatal care guidelines and learn strategies for managing abnormal results and common pregnancy complications.

Results

The initiative has successfully identified care gaps and fostered meaningful discussions on evidence-based prenatal care. We have been able to recognize knowledge or workflow issues that impact care delivery and by addressing these gaps, we have enhanced the quality, consistency, and efficiency of maternity care across our clinics, ultimately improving patient outcomes. Some specific examples include how we are completing Genetic Testing, proper gestational diabetes screening and follow up, as well as appropriate immunization counseling and administration. A survey has been deployed to assess resident confidence and engagement, and official data will be shared at the Research Symposium.

Conclusions

The Ob Chart Review has strengthened maternity care competency and faculty-resident collaboration. Future evaluation will include perinatal quality indicators to assess its impact as well as overall statistics on Family Medicine continuity prenatal care and deliveries.