



2022 LEAD Capstone Poster Session

**Integrated Clinical Setting:
Maternal Fetal Medicine-Diabetes**

Amy Shah, MD
Assistant Professor
Department of Internal Medicine



Abstract

- The mortality rate among pregnant women with pre-existing diabetes mellitus is high in the indigent population
- These patients often find it difficult to attend multiple clinic visits for both diabetes and obstetrics care across various clinic settings throughout the Parkland campus leading to high no show rates and poor clinical outcomes
- Creating an integrated Maternal Fetal Medicine-Diabetes clinic will improve patient care



Objectives

- Create an integrated Maternal Fetal Medicine-Diabetes clinical setting at Parkland Health
- Improve clinical outcomes in pregnant patients with diabetes
- Reduce hospitalizations in pregnant patients with diabetes



Background Information

- The mortality rate of pregnant patients with diabetes mellitus is high in the indigent population
- Currently, these patients have to attend their Diabetes clinic visits in the Moody Building along with their Maternal Fetal Medicine clinic visits in the WISH building
- These building are on opposite sides of Parkland campus making it difficult for patients to be consistent with their medical appointments
- This leads to high no show rates, poor glycemic control, decreased prenatal care and overall worse clinical outcomes



Project Plan

- Have a Diabetes provider see pregnant patients with diabetes in the same clinical setting and appointment time these patients are seen in the Maternal Fetal Medicine Clinic
- Identify what staff support is needed to move the patient between both providers in the same clinical setting
- Assist the Maternal Fetal Medicine team in hiring a certified diabetes educator to increase diabetes education for their patients



Application of What You Learned at LEAD

- Using my strengths to collaborate with others in order to reach a mutual goal of improving patient care at Parkland Health
- Working effectively with individuals who have DISC Profiles different than mine
- Creating a project that aligns with the institutional goals of UT Southwestern



Proposed Budget

- None needed as we would use current providers and staff to create this integrated clinic setting



Innovation and Significance

- Pregnant women with Diabetes at Parkland Health are a very vulnerable population of patients
- An integrated Maternal fetal medicine-Diabetes clinic is a patient centered approach to improve show rates, glycemic control, clinical outcomes and overall help improve quality of life for these women



References

- Petts RA, Lewis RK, Brooks K, McGill S, Lovelady T, Galvez M, Davis E. Examining Patient and Provider Experiences with Integrated Care at a Community Health Clinic. *J Behav Health Serv Res*. 2022 Jan;49(1):32-49. doi: 10.1007/s11414-021-09764-2. Epub 2021 Sep 3. PMID: 34476684; PMCID: PMC8412979.