

Complex Care Coordination for Cardio-Obstetric Patients at a Tertiary Care Campus with Independent Obstetric and Cardiothoracic Surgical Hospitals



Catherine Bergeron MD, Arun Jeyabalan MD, Jacob Larkin MD, Kathryn Berlacher MD. MS, Grace Lim MD. MS, Alexandra Nicholas MD
University of Pittsburgh Medical Center (UPMC), Department of Anesthesiology and Perioperative Medicine

01

Cardiovascular disease (CVD) is the **leading cause of maternal** mortality in the US

02

Case reviews often cite **failure to refer patients** for risk-appropriate care as a major cause of **preventable CVD-associated maternal death**

03

Guidelines recommend a **multidisciplinary team approach** for pregnant patients with CVD

04

No guidelines address the unique challenges that arise when obstetric and cardiovascular surgical services are **located in separate hospitals**

Complex Care Coordination for Cardio-Obstetric Patients at a Tertiary Care Campus with Independent Obstetric and Cardiothoracic Surgical Hospitals

Catherine Bergeron MD, Arun Jeyabalan MD, Jacob Larkin MD, Kathryn Berlacher MD. MS, Grace Lim MD. MS, Alexandra Nicholas MD
University of Pittsburgh Medical Center (UPMC), Department of Anesthesiology and Perioperative Medicine

01

Parturients with CVD should be cared for by a specialized multidisciplinary team

02

WHO class III-IV CVD should ideally be cared for at a maternal level IV care center

03

Contingencies must be made depending on planned mode of delivery, gestational age, and anticipated NICU needs

We present a detailed multidisciplinary team operational pathway in in a setting where **high-risk obstetric and cardiothoracic services are located in separate hospitals**

References

1. Mehta LS. Circulation. PMID:32362133
2. Regizt-Zagrosek V. PMID:30165544

3. ACOG Practice Bulletin No.212. PMID:31022123
4. Meng ML. Anesthesiology. PMID:34046669