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Health Disparities in Obstetrical Care and Delivery Outcomes Before and After Implementation of an Enhanced Recovery After Surgery Protocol

Abstract

Healthcare disparities in obstetrical care have been extensively reported with Black and Hispanic women experiencing disproportionate peripartum mortality and severe maternal morbidity (SMM). Interventions that promote patient equality and equity present solutions to these concerns. Equality can be promoted through the use of Enhanced Recovery After Surgery (ERAS) protocols that deliver standardized perioperative patient care. Equity can be supported through clinical informatics to gather and analyze social determinant of health data to tailor health equity clinical dashboards and recommendations for individualized patient care. This grant will facilitate research that will reveal the intersectionality of healthcare disparities in maternal care at both a national and local hospital level; demonstrate that equality through ERAS protocols reduces healthcare disparities by delivering evidence-based medicine to all patients; and that equity can be addressed through clinical data-driven dashboards targeted for medical personnel entrusted with providing obstetrical care.