

New study aims to improve outcomes for pregnancies impacted by opioid use disorder

April 27 2019

A new study aims to actively involve birthing hospitals to improve health and social outcomes for the maternal infant dyads impacted by Opioid Use Disorder (OUD). Findings from the study will be presented during the Pediatric Academic Societies (PAS) 2019 Meeting, taking place on April 24—May 1 in Baltimore.

"Since 2016, the Perinatal-Neonatal Quality Improvement Network of Massachusetts along with other state level stakeholders, launched an initiative to actively involve birthing hospitals in the state to improve [overall health](#) and social outcomes for the maternal infant dyads impacted by OUD," said Dr. Rachana Singh, MD, one of the authors of the study. "This process included sharing [best practices](#); a shared database to collect de-identified data; [educational materials](#); serial webinars; biannual quality summits; sharing of statewide and comparative individual [hospital](#) reports; and hospital site visits."

All voluntarily participating hospitals were invited to identify, share and adopt best care practices as was feasible within the resources available. Commonly shared materials included: a shared database storing de-identified data; educational materials (antenatal screening tools; NAS toolkit; Eat, Sleep, Console scoring); webinars to share hospital-based successes; biannual quality summits; sharing of statewide and individual hospital reports; and hospital site visits. With these efforts, of the 47 birthing hospitals caring for mothers or newborns, over 30 are participating in this initiative, including 26 sharing data to the database since 2017.

Between January 2017 to November 2018, data for 1,434 maternal-infant dyads was reported in the central [database](#). Of these, approximately 80% mothers with OUD were receiving medication assisted treatment (MAT) with

Citation: New study aims to improve outcomes for pregnancies impacted by opioid use disorder (2019, April 27) retrieved 6 May 2024 from <https://medicalxpress.com/news/2019-04-aims-outcomes-pregnancies-impacted-opioid.html>

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