

REDUCING MATERNAL AND INFANT MORTALITY USING COGNITIVECARE'S SOLUTION

Early Detection | Improving Outcomes | Ensuring Health Equity | Enabling Collaboration

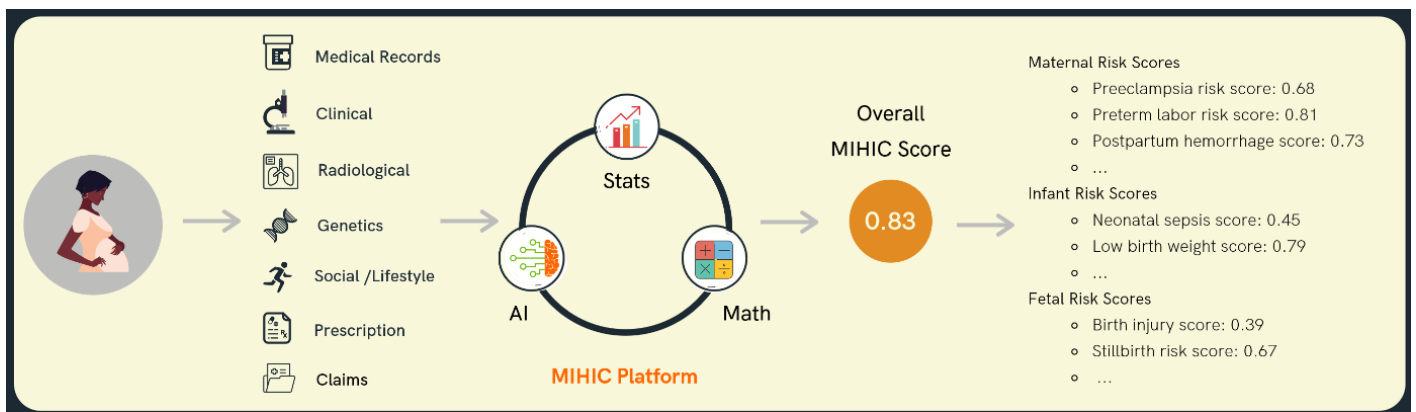
**COGNITIVE CARE
ENABLES EARLY
DETECTION: SAVING
LIVES THROUGH
INTERVENTION,
PREVENTION, AND
PERSONALIZED
TREATMENT**

Reduction of Maternal and
Infant Mortality

IMPROVING OUTCOMES

CognitiveCare's **M**aternal **I**nfant **H**ealth **I**nsights and **C**ognitive Intelligence (MIHIC) platform generates personalized risks scores for 48 maternal, fetal and infant health risks in a birthing person. By detecting high propensity for pregnancy risks, MIHIC scores enable early detection, intervention, prevention and personalized treatment.

MIHIC can also predict risks at the population level. The intuitive visual dashboards detect and manage risks for high-risk populations. The system incorporates granular insights and patterns that interplay with clinical and social determinants of health including race, zip code and occupation. MIHIC can be utilized to address highly visible disparities in communities.



MIHIC'S UNIQUE FEATURES:

- State of the art Artificial Intelligence, Medicine, Biology, Genomics and Demographics
- 360-degree analysis of each birthing person including the person's medical, clinical, genetic, radiological, social and lifestyle determinants, security permitting
- Delivers easy to use and interpret risk scores for every birthing person
- Population Health dashboards help detect high-risk populations with actionable insights
- Leading medical and research institutions (including Brigham and Women's) are validating MIHIC with their data resulting in information and actions
- World renowned scientists, clinicians and data scientists are advising CognitiveCare on the strategy and execution of MIHIC

48 MATERNAL, FETAL AND INFANT HEALTH RISKS DETECTED BY MIHIC

MATERNAL RISKS	FETAL RISKS	INFANT/NEONATAL RISKS
<ul style="list-style-type: none"> • Miscarriage • Anemia • Gestational Diabetes • Gestational Hypertension • Preeclampsia • Preterm Labor • Preterm Birth • PPROM • Placental Abruption • Caesarean Delivery • Sepsis • Venous Thromboembolic Event • Postpartum Hemorrhage • Postpartum Depression • Twins • Placenta previa • Placenta accreta/increta • Uterine Rupture • Shoulder Dystocia • Blood Transfusion • Admission to ICU • Maternal Death 	<ul style="list-style-type: none"> • Stillbirth • Growth Restriction • Macrosomia/Excessive Growth • Congenital Anomaly • Spina Bifida/ Anencephaly • Aneuploidy • Drug-induced Abnormality • Chorioamnionitis • Birth Injury 	<ul style="list-style-type: none"> • Low Birthweight • Excessive Birthweight • Neonatal Anemia • Neonatal Hypoglycemia • Intraventricular Hemorrhage • Respiratory Distress Syndrome • Bronchopulmonary Dysplasia • Necrotizing Enterocolitis • Retinopathy of Prematurity • Neonatal Sepsis • Neonatal Jaundice • Neonatal Demise • Neonatal Encephalopathy/ HIE • Neurodevelopmental Delay/ CP • Admission to NICU • Length of NICU Stay