HIE

WHAT IS HIE?

HYPOXIC (LACK OF OXYGEN)
ISCHEMIC (RESTRICTING BLOOD FLOW)
ENCEPHALOPATHY (IMPACTING THE BRAIN)

HOW MANY BABIES ARE DIAGNOSED WITH HIE?

HIE occurs in 2-3 per 1,000 live births and in some pediatric cases in childhood.

SOME COMMON CAUSES INCLUDE:

- Placental Insufficiency
- Uterine Rupture
- Placental Abruption
- Cord compression
- Nuchal Cord
- Maternal Blood Clotting Disorders
- Fetal Maternal Hemorrhage
- Trauma during Delivery
- Placental Blood Clots
- Shoulder Dystocia
- Cardiac Arrest & Near SIDS in Childhood

HIE FAST FACTS

75-80% SURVIVE > 2 YEARS

50-70% EXPERIENCE SEIZURES

40-50% DEVELOP DISABILITIES

HIE CAN CAUSE OTHER CONDITIONS

Epilepsy, including specific rare epilepsies like Infantile Spasms, Lennox-Gastaut Syndrome & ESES, Cerebral Palsy, Vision Impairments, Hearing Impairments, Feeding Issues, Learning & Attention Differences & Disabilities, Autism, Executive Functioning challenges, to name a few.

HIE TREATMENTS

At birth, therapeutic hypothermia (cooling) is a proven therapy to decrease death and disability. Other therapeutics are in development for onset. Evidence-based, early intervention therapies such as Physical, Occupational & Speech Therapy have been shown to improve outcomes.

HOPE for HIE

OUR MISSION

To improve the quality of life for children and families impacted by neonatal and pediatric-acquired HIE through Awareness, Education & Support.

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