## **Cooling Blanket After a Difficult Birth**

Can This Treatment Help Babies with Mild Brain Injury?

A short time without oxygen before birth can affect a baby's brain and cause lifelong difficulties, often seen by the time the child is two years old.

The **cooling blanket** lowers a baby's temperature for 3 days to aid brain recovery. Used in the NHS since 2007 for moderate/severe brain injury, it can reduce later disabilities.



For Every 100 Babies with Mild HIE at Age 2

**70** Normal Development

10 Minor delays

**10** Moderate disability

10 Severe disability

Early studies show cooling may protect the brain in mild HIE without adding extra risks.

Some hospitals cool babies like yours, while others don't, because we still don't know if it improves long-term development.



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This study compares cooling with standard care, and with the help of families like yours, we can decide if it should be offered more widely to **give more babies the best possible start**.