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Manuscript No: 21915

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Short and long term prognosis in perinatal asphyxia: An update

Caroline Ahearne, Geraldine Boylan, Deirdre Murray

**Abstract**

Interruption of blood flow and gas exchange to the fetus in the perinatal period, known as perinatal asphyxia, can, if significant, trigger a cascade of neuronal injury, leading on to neonatal encephalopathy and resultant long-term damage. While the majority of infants who are exposed to perinatal hypoxia-ischaemia will recover quickly and go on to have a completely normal survival, a proportion will suffer from an evolving clinical encephalopathy termed hypoxic ischaemic encephalopathy (HIE) or neonatal

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