

PReCePT (Prevention of Cerebral Palsy in Preterm Labour) programme



What is the innovation?

Administering magnesium sulfate to mothers in premature labour before **30 weeks** of pregnancy, is known to reduce the incidence of cerebral palsy. For every **37 mothers** given magnesium, **1 case** of cerebral palsy can be prevented



Why are we doing it?

Between **4,000** and **5,000 babies** are born before **30 weeks** gestation in England per year and stand to benefit from the administration of magnesium sulphate (MgSO₄), costing from **£1** per individual dose

PReCePT was selected by NHS England as one of the seven programmes for adoption and spread across the national AHSN Network during 2018-2020.

This evidence-based, cost-effective project is designed to reduce cerebral palsy in pre-term infants through the increased antenatal administration of magnesium sulphate (MgSO₄) to mothers during preterm labour. Between 4,000 and 5,000 babies are born before 30 weeks' gestation in England per year and stand to benefit from the PReCePT programme.



Wessex is engaging with all the eligible units across the region – that's 8 in total



The programme officially launched in October 2018 and will run until March 2020

What was delivered 2018-19?

- Soft launch through the Wessex Maternal and Neonatal Learning System in October 2018
- PReCePT Programme and Clinical Lead recruited
- All **8 eligible units** have signed up to the programme and have a named Midwife Lead / Champion in place

Plans for 2019-20:

- The programme and clinical lead will support all units in delivery of the programme
- The focus will be to learn from current practice and identify areas for improvement, celebrating successes at every step of the way
- We will create opportunities to help units to engage with each other, build their network, share their experience, improve their quality improvement (QI) knowledge and support one another

About the Academic Health Science Network

Wessex Academic Health Science Network (AHSN) is one of 15 AHSNs set up by NHS England in 2013 and relicensed from April 2018 to operate as the key innovation arm of the NHS.

At Wessex AHSN we improve people's health, achieve excellence in healthcare and boost transformation and growth in our region's life sciences and healthcare sector.

We connect academics, NHS, local authorities, industry and citizens to bring fresh energy to old problems, inspired thinking to new ones and to spread innovation and best practice across health and social care.



10%
of the workforce in
Wessex is employed in
the health economy



Wessex boasts over
250
life science companies
in medtech, medbiotech,
industrial biotech and
pharma



The region's life sciences
industry employs 9,000
and has a turnover of
£2.5 billion



The region's population
of 3 million is served by
10
CCGs
9
local authorities
11
NHS Trusts and
5
universities

Want to find out more?

*The***AHSN***Network*

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Watch our short video about what we do at wessexahsn.org.uk/aboutwessexahsn

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The**AHSN**Network



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Academic Health
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