

Chiesi (UK Ltd) and Innovation Agency (Academic Health Science Network) and North West Neonatal Operational Delivery Network Executive Summary

This summary has been written by Chiesi Ltd with consultation and approval from the Collaborative Working Project Team, established with full representation of partners.

Chiesi (UK Ltd) will be undertaking a Collaborative Working Project with the Innovation Agency (Academic Health Science Network for the North West Coast) and North West Neonatal Operational Delivery Network (NWNODN).

The purpose of this project is to work collaboratively to produce a digital and workforce landscape review within the Northwest Neonatology Operational Delivery Network (NWNODN).

Objectives:

- To undertake a comprehensive review (audit) on telehealth technologies within 22 Neonatal units within the Northwest to help understand the current situation or "current state"
- To understand how telehealth systems are utilised within Neonatal units – including, communication, diagnostics and treatment between sites by undertaking a series of workshops and questionnaire to unpick questions within key focus areas
- To understand how the transport network fits in to current telehealth technology system utilisation
- To understand future requirements and needs, along with current challenges

Intended Benefits:

For patients:

- Opportunity to add experience and thoughts to the landscape review and help identify key metrics for benefits realisation
- Participation in user centred design of clinical pathways and possible supporting technologies

For NHS:

- Improved understanding of telehealth systems utilised within North West units "current state to be identified"
- Baseline knowledge of application of these systems within North West units
- Understanding of capital and maintenance costs of telehealth technology used within the North West Units.
- Participation in user centred design of clinical pathways and possible supporting technologies
- Identification of key metrics for development for benefits realisation from a qualitative and quantitative perspective

Specifically, for the Innovation Agency (Academic Health Science Network)

- Ability to support and develop local innovations that could support the pathway redesign.
- Increased visibility in supporting our Integrated Care Boards
- Ability to link to other neonatal projects through our national commission from NHS England (NHSE)

For the industry partner:

- Reputational gain associated with supporting improvements in NHS services and care
- Better understanding of the challenges faced by the NHS in delivering high-quality patient care
- Greater understanding of technologies utilised within Neonatology units

This involves a balance of contributions from both parties with the pooling of skills, experience, and resources.

The project will run for 12 months from August 2023