

Service Specification for Neonatal Data Requirements - Terms of Reference

Purpose

This document outlines the terms of reference for a BAPM working group to develop a service specification for Neonatal Data Requirements.

Background

Currently there is a national NHS initiative to replace paper medical records with electronic health record systems (EHRs). This is being implemented at a local level, with NHS Trusts procuring a variety of EHRs solutions from different service providers.

Neonatal Challenges

- Neonatology is a service that has complex and unique data needs, not only to provide critical care to vulnerable patients, but also to facilitate research, audit, and benchmarking, at local, regional, and national levels. However, within a large complex NHS Trust, neonatology is a small clinical service. This risks that the neonatal voice within the procurement process of a hospital wide EHRs may not be heard.
- To date neonatology has benefited from BadgerNet, a universal summary clinical record hosted by Clevermed. If a baby moves from one neonatal provider to another the record becomes available to the receiving unit. Patient level data is available in a read /write format, and episode level data from the previous provider available as read only. In addition to the role in direct patient care, BadgerNet also provides a reporting database for local, regional, and national reporting as well as audit and research datasets.
- During the procurement process of a hospital wide EHRs the expert knowledge to describe the unique neonatal data needs may not be available within neonatal teams. This is in part due to BadgerNet offering a neonatal specific and focused product, without the need for local input into system development.
- Overall, there is a significant risk that neonatal teams are provided with digital solutions that are either not appropriate for clinical care needs, and / or fail to support high quality data sharing for reporting.

Group Outputs

- A Service Specification

Group Members

Chair: Dr Giles Kendall, UCLH

- 1 NICU Consultant
- 1 LNU/ SCU Consultant
- 1 Trainee
- 1 ANNP
- 1 Nurse
- 1 Midwife
- 1 AHP
- 1 Pharmacist
- 1 Parent

There should be representation from individuals with experience of the main EHRS providers (EPIC, Cerner, Badger EPR).

Meetings

It is envisaged that this work will take approximately 4 months and involve 2-3 virtual meetings although more may be scheduled if needed. All meetings will be virtual.

Responsibility and Accountability

The group is responsible to the BAPM Executive Committee and accountable to the BAPM membership.