

Technology Enabled Care (TEC)

Benefits for healthcare professionals in neonatal care



Improved efficiency

- **Streamlined workflows:** TEC reduces the need for manual data entry and paperwork, allowing professionals to focus more on patient care.
- **Interoperable systems:** Integrated systems facilitate seamless data (including diagnostic imaging) sharing across departments and hospitals, minimising duplication and errors.

This was a collaborative working project in conjunction with Health Innovation North West Coast (HINWC), Northwest Neonatal Operational Delivery Network (NWNODN) and Chiesi Limited. For further information please see the project executive summary, which can be found on all partners' websites.

Enhanced decision making

- **Real-time data access:** Professionals can access up-to-date patient information anytime, enabling timely and informed decisions.
- **Advanced analytics:** TEC tools can analyse health data trends, providing insights that help predict and prevent potential issues.

Better communication

- **Collaboration tools:** TEC enables better communication and collaboration among healthcare teams, ensuring everyone is on the same page.
- **Remote consultations:** Professionals can consult with specialists remotely, reducing the need for patient transfers and ensuring expert input.

Enhanced patient care

- **Improved monitoring:** Continuous monitoring tools help professionals keep a close watch on patients, ensuring timely interventions.
- **Family engagement:** TEC facilitates better communication with families, helping professionals provide more holistic and family-integrated care.

Increased job satisfaction

- **Reduced administrative burden:** By automating routine tasks, TEC allows professionals to spend more time on direct patient care, which can increase job satisfaction.
- **Supportive tools:** Access to advanced tools and technologies can make the job easier and more rewarding.

Continuous learning and development

- **Training and education:** TEC can provide ongoing training and development opportunities, helping professionals stay updated with the latest practices and innovations.
- **Competency-based training:** Standardised training models ensure that staff are competent and confident in using TEC tools.

Reduced stress and burnout

- **Efficient workflows:** Streamlined processes and reduced administrative tasks can help lower stress levels among healthcare professionals.
- **Support systems:** Access to reliable and responsive IT support ensures that professionals can focus on patient care without being bogged down by technical issues.

Innovation and growth

- **Encourages innovation:** With basic operational issues addressed, professionals can focus on innovative solutions to improve care.
- **Future proofing:** Investing in TEC ensures that neonatal care units are equipped to handle future challenges and advancements in healthcare.

Overall, TEC empowers healthcare professionals by providing them with the tools and support they need to deliver high-quality, efficient and compassionate care. Please get in touch with the project team at info.ia@healthinnovationnwc.nhs.uk to discuss any of these aspects further.