

Neonatal Wireless Transmission System (NeWTs)

(CE case ref: BEA-7149)

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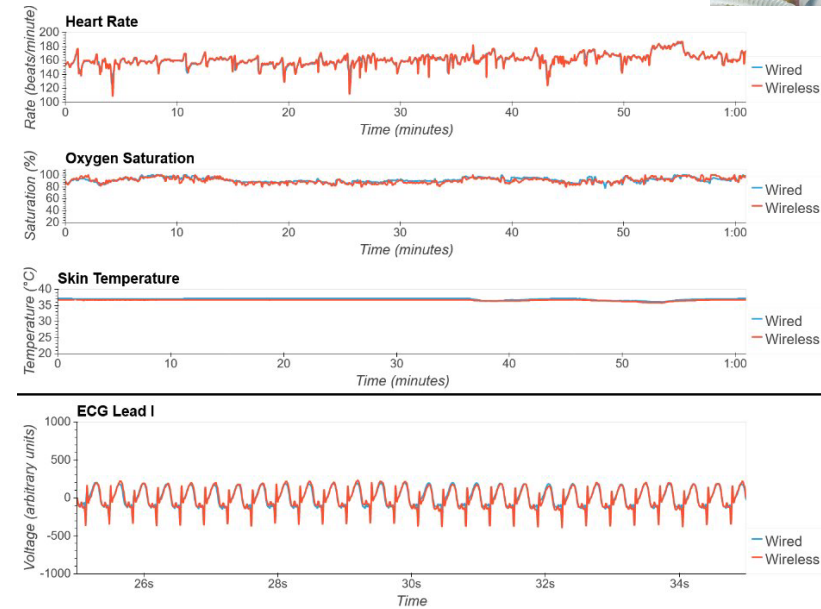
Wireless Vital Signs Monitor for neonatal care

BENEFITS

- Improved skin to skin contact (Kangaroo care)
- Includes **all four key elements** of intensive care monitoring:
 - skin temperature
 - ECG (**uses the “gold standard” electrodes**) and heart rate
 - respiratory rate (chest impedance, **standard approach**)
 - blood oxygen levels (pulse oximeter)
- **interfaces with the existing patient monitors and clinical data management systems/** electronic medical records
- only system with functionality of current standard of care for neonates with **minimal change to clinical practice**

APPLICATIONS

- Specifically designed for babies, particularly premature babies (small size, fragile skin, high humidity).
- Neonatal care units within the NHS and other (public and private) healthcare providers.
- Potential expansion beyond neonates.



OPPORTUNITY

- Babies in NICU: UK=100k/y ; USA=500k/y
- Founders with strong NICU's market understanding (i.e.: Kathryn Beardsall - consultant neonatologist)
- Patent filed PCT/GB2024/051075
- Collaborating with design manufacturing to develop and trial clinical prototype. Spring 2027 – neonatal study concluded + regulatory submission
- Spinout opportunity searching for investment and support in building the team.