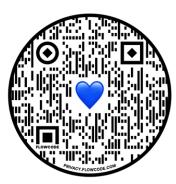
## **PATHWAY FOR POS**

- POS involves measurement of pre and post ductal saturations with a Masimo Rad G handheld pulse oximeter.
- Scan this QR code to take you to a short video on how to use the Masimo Rad G pulse oximeter.
- The sensor is REUSABLE. Please do not discard.
- The blue foam wrap is single patient use.



## NHS NHS Lothian Newborn Pulse Oximetry Screening Pathway Lothian Asymptomatic Newborn **NOT** on the Neonatal Unit Initial Pulse Oximetry Screen within 24 hours of birth In hospital, aim for around 6 hours of age **INITIAL Pulse Oximetry Screen Pre and Post Ductal Measurements** Positive Screen 'Red' Pathway Negative Screen 'Green' Pathway Repeat Screen 'Amber' Pathway Either | Difference Both readings more than Either reading less or equal to 95% AND reading **OR** 3% or than **90**% 90 - 94% difference 2% or less more Clinical assessment by paediatric team required **Symptoms Identified?** No **REPEAT SCREEN** Perform in 2 hours Difference Both readings more than Either Either reading less or equal to 95% AND reading **OR** 3% or than **90%** difference 2% or less 90 – 94% more **NEGATIVE SCREEN POSITIVE SCREEN URGENT PAEDIATRIC** \*At any point, if baby has symptoms or is Continue with routine unwell, they need an urgent clinical ASSESSMENT REQUIRED postnatal care\* assessment, irrespective of the saturations **AND NNU ADMISSION**

- Based on the pre and post-ductal values and the difference between the 2 measurements, the baby is assigned to a colour pathway. See flowchart above.
  - Green (= negative screen). Most babies will fall into this category.
  - Amber (needs a clinical review and, if well, a repeat POS in 2 hours)
  - Red (= positive screen, needs urgent clinical review and NNU admission)
- The dot chart below can help allocate a baby to the correct pathway based on their saturations

