Pulse oximetry is a simple non-invasive method of monitoring the percentage of haemoglobin (Hb) which is saturated with oxygen (SpO₂).

**Nellcor™ Oximax digital technology**
- Oximax technology and calibration is located in the **DIGITAL CHIP** of every sensor to ensure consistent, accurate readings.
- LoSat feature: +/- 3 within 60-80% saturation range, applies to most Nellcor™ Oximax sensors.¹
- **Premium accuracy for low perfusion and motion interference** by using high quality signal processing algorithm.²,³
- **Future proof monitors (cost saving)** – technology located within digital chip of sensor so no need to upgrade Nellcor™ monitor to benefit from future technology updates.
- **Compatibility** – Nellcor™ accuracy is only validated when using Nellcor™ cable and Nellcor™ sensor with Nellcor™ monitor, in accordance with the monitor IFU and ISO standard 80601-2-61.

**References**