

SENSOR FIRST

Effective application of the Nellcor™ pulse oximetry SpO₂ sensor on infants

It is important to apply the sensor to the patient first to help reduce monitor response to motion, light, or electrical interference. Applying the sensor to the patient first also speeds response time to post accurate data, as compared to connecting the sensor to the oximeter/oximetry cable first, then applying it to the neonatal patient.¹

Follow these two simple steps to increase effective SpO₂ sensor application:

1. Apply the sensor to the patient first.
2. Connect the sensor to the pulse oximeter.

If a sensor is not properly applied to the neonatal patient, there may be a delay in patient data display or result in an error message, potentially leading clinicians to conclude the sensor is faulty and a new sensor is required.

1. Saraswat A, Simionato LK, Dawson JA, et al. Determining the best method for Nellcor pulse oximeter sensor application. *Acta Paediatr.* 2011;10:1-4.