

# **Indications of Oxygen therapy in neonates**

# Overview

- Oxygen is the most common and abundantly used drug in NICU
- Goal is to avoid both Hypoxia and Hyperoxia

# Indication for oxygen therapy

- Hypoxia ( $SpO_2 < 90\%$ ): most important indication
- Does not benefit in cyanotic congenital heart disease

# Indications

- In neonates, supplemental O<sub>2</sub> is indicated if SpO<sub>2</sub> is < 90%
- ABG facility:
  - Preterm babies-50 mm Hg

# Indications for Oxygen therapy

- Respiratory distress
- Apnea
- Shock

# Carry home message

- Monitor all babies with supplemental Oxygen
- Most important indication is Hypoxia
- Unrestricted and Unlimited use of oxygen therapy associated with dire consequences

**Thank you**