



# Oxygen Administration

## Low Flow Nasal Prongs Maximum Flow Rates

- Newborn - max 1L/min
- Infant (<5kg) - max 2L/min
- Peds (<20kg) - max 4L/min
- Peds/Teens (>20kg) - max 6L/min

## Operating Flow Rates

- Simple Facemask - 6-10LPM. Minimum 6LPM to prevent rebreathing of CO<sub>2</sub>. **Do not wean.**
- Non-Rebreather Mask - 10-15 LPM. Must remain inflated during breaths. **Do not wean.**
- Aerosol Jet Nebulizer Mask - 6-10 LPM

## High-flow Oxygen Maximum Flow Rates

- Patients <10kg - 2L/min/kg
- Patients >10kg - 20L/min + 0.5L/min for each kg above 10kg, up to a maximum flow of 50L/min (for a patient 70kg or more).
- Flow will be decreased to 20-30LPM (as tolerated) during Aerogen aerosol delivery.

