

Oxygen

Indications: SpO₂ < 94%, signs of respiratory distress or failure, signs of hypoxia or hypoxemia

Contraindications: None in the emergency setting

ADULT DOSING

Indication	Dose	Rate & Route	Note
SpO ₂ < 92% - or - Respiratory distress / failure - or - Hypoxia or hypoxemia	1 - 15 lpm	Inhaled	Titrate to maintain SpO ₂ 92 - 96% Titrate to effect Titrate to delivery device specifications

ADULT DOSING

PEDIATRIC DOSING

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PEDIATRIC DOSING

Precautions / Side Effects Excessive oxygenation can be harmful, especially with neonates, therefore titrate flow rates and frequently assess oxygen needs. Can dry mucous membranes, prolong high concentration therapy can affect respiratory drive and consciousness of COPD patients.

Interactions None

Class Naturally occurring atmospheric gas.

Mechanism of Action Reverses hypoxemia.

Onset of Action Immediate **Peak Effect** Rapid **Duration of Action** < 2 minutes