

About this resource



With collaborators & support from multiple institutions, including:



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How to Use This Document

This is a living document, created by created by nurses, physicians, respiratory therapists and other healthcare providers from multiple institutions and multiple countries via the OpenCriticalCare.org project.

The goal of this document is to provide tools that can be locally modified to help healthcare providers learning to provide respiratory care for hospitalized patients.

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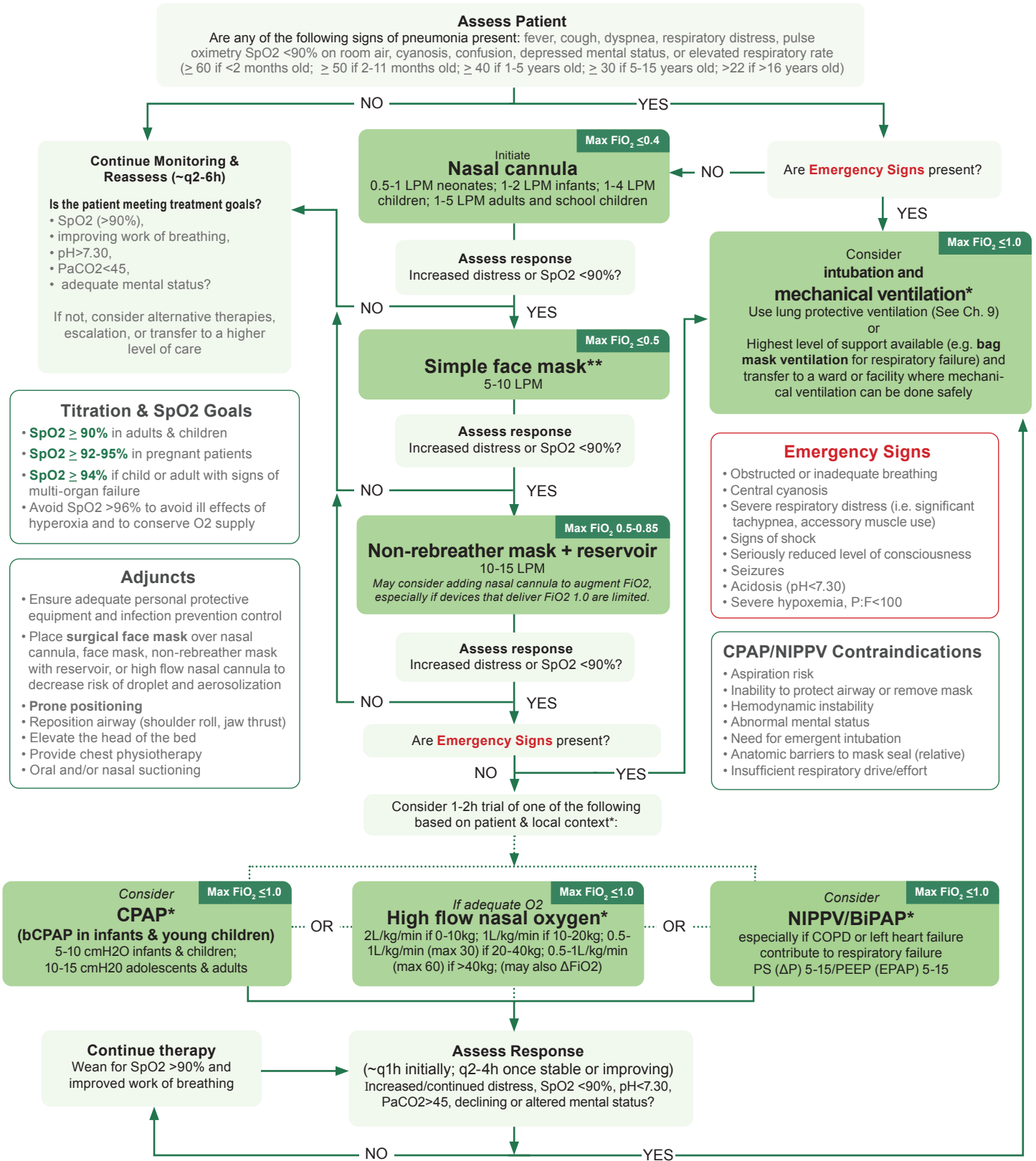
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Oxygen therapy escalation algorithm



* Selection of optimal delivery device should be based on local clinician's judgment and risk-benefit assessment tailored to the individual patient, global and local outcomes data, as well as local resources including O₂ supply, skill of personnel, availability of consumables, monitoring and therapeutic adjuncts, among other factors.

** Venturi/entrainment face masks deliver FiO₂ 24-60%, depending on flow rate and device setup

LPM (liters per minute), EPAP (expiratory positive airway pressure), PS (pressure support), COPD (chronic obstructive pulmonary disease), SpO₂ (oxygen saturation), PaCO₂ (arterial partial pressure of carbon dioxide), P:F (ratio between arterial partial pressure of oxygen and the fraction of inspired oxygen - FiO₂), CPAP (continuous positive airway pressure), bCPAP (bubble CPAP), NIPPV (non-invasive positive pressure ventilation), BiPAP (bi-level positive airway pressure); Δ - change