

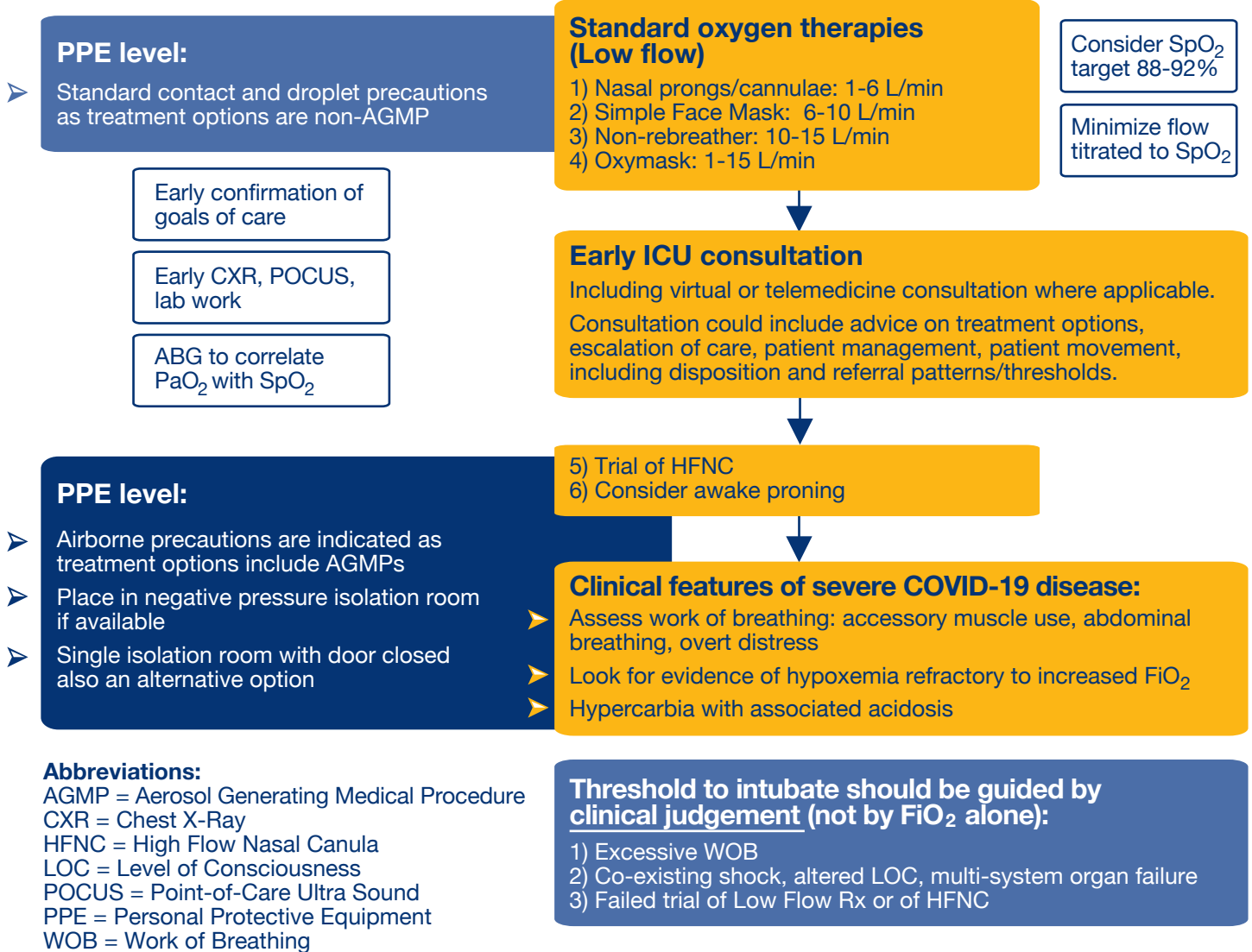
Coronavirus COVID-19

BC Centre for Disease Control | BC Ministry of Health



COVID-19 Oxygen Therapy and Intubation Threshold Guidance

The COVID-19 crisis poses many challenges for staffing, clinical management and resource utilization. The management of patients with suspected or confirmed COVID-19 infections is different from our standard approach. The dominant respiratory feature of severe COVID-19 is arterial hypoxemia greatly disproportionate to abnormalities in respiratory system mechanics. What follows is a concise approach for oxygen therapy and clinical indicators for potential rapid decline and/or need for intubation.



References:

1. Martin TJ, *Basing Respiratory Management of Coronavirus on Physiological Principles*, AJRCCM, 2020 Apr 13, (ePub ahead of print)
2. Yang X, et al., *Clinical course and outcomes of critically ill patients with SARSCoV-2 pneumonia in Wuhan, China: a single-centered, retrospective, observational study*. Lancet Respir Med. 2020 Feb 24. (ePub ahead of print)
3. Grasselli G, et al., *COVID-19 Lombardy ICU Network. Baseline characteristics and outcomes of 1591 patients infected with SARS-CoV-2 admitted to ICUs of the Lombardy region, Italy*, JAMA, 2020 Apr 6. (ePub ahead of print)

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