

Oxygen Delivery Devices to Manage Oxygenation Failure in **COVID-19**

A quick reference guide when administering oxygen to patients with COVID-19

Target oxygen saturations for most COVID-19 patients: **90-94%***

* Some patients with a predisposition to ventilatory failure should have target oxygen saturations 88-92% (eg. COPD, Bronchiectasis, Chest wall disease, Neuromuscular disease, and Obesity).



Nasal cannulae
(2-4 litres/minute)

Hudson mask (simple face mask)
(4-10 litres/minute)

Non-rebreather mask
(10-15 litres/minute)

CPAP with entrained oxygen
(15 litres/minute)

Respiflo system
(up to FiO₂ 98%)

High flow nasal oxygen therapy
(up to FiO₂ 95%)

CPAP with humidification
(May be suitable in some patients)

Suitable for COVID-19 patients



Venturi mask

May be suitable in patients who need tight control on their FiO₂ (e.g. COPD)

Nebuliser

May be suitable in some patients with underlying lung disease (particularly asthma)

Oxygen Humidifiers

15 litres/minute

May be suitable for some COVID-19 patients

