

## Oxygen Titration in Coronavirus

Target oxygen saturations (SaO<sub>2</sub>) is 92 – 96% for all patients (except for patients who meet the criteria for scale 2 on NEWS scoring i.e. patients with chronic hypercapnic respiratory failure most commonly seen in some patients with exacerbation of COPD).

Please ensure that all oxygen is prescribed on EPMA with this target specified.

When reviewing patients:

- **If SaO<sub>2</sub> are 96% or more decrease oxygen** to the next step down Venturi mask (e.g. from 60% to 40%) until they are on 28%.
  - If they are on 28% Oxygen then change to nasal cannulae 3L oxygen and reduce as able until patient is on room air
- **If SaO<sub>2</sub> are 91% or lower then increase oxygen** to the next step up Venturi mask (e.g. from 35% to 40%) until they are on 60% Oxygen
  - If they are already on 60% oxygen and SaO<sub>2</sub> are 90% or less:
    - If patient is **for escalation** of treatment then refer to critical care and change to 15L oxygen via Non rebreather mask
    - If patient is **not for escalation** of treatment then change to 15L oxygen via non breather mask
- **If SaO<sub>2</sub> within target range** for 24h **decrease oxygen** to the next step down Venturi mask (e.g. from 40% to 35%)
  - If they are on 28% O<sub>2</sub> then change to nasal cannulae 3LO<sub>2</sub>

**Check SaO<sub>2</sub> in 15 minutes after you change the amount of oxygen to ensure that their SaO<sub>2</sub> are at an acceptable level.**