|  |  |
| --- | --- |
| **Tidal Volume**  | 6-8ml/kg/PBW |
| **Ppeak/Pplat** | <30cmH2O |
| **PaO2** | Target 8-10kPa |
| **PaCO2** | Target to keep pH>7.2 |
| **Prone Position** | 18hours if FiO2(≥0.6) |
| **PEEP:FiO2 titration** |  |
| **FiO2** | **Target PEEP (cmH2O)** |
| 0.21 – 0.39 | 5 |
| 0.40 – 0.59  | 8 |
| 0.6 – 0.69 | 10 |
| >0.7 | 12 + senior clinician review |
| **Neuromuscular Blockade** | Atracurium infusion  |
| **Fluid Balance** | Target for neutral balance. Enteral feeds excluded in fluid balance. |
| **Antibiotics** | Cessation of routine antibiotics for community acquired pneumonia if SARS-Cov 2 positive  |
| **Sedation** | Propofol and Alfentanil ORMorphine and Midazolam  |
| **First-line vasopressor** | Noradrenaline infusion |
| **Mean arterial pressure target** | 65mmHg |
| **Thromboprophylaxis** | <50kg Enoxaparin 40mg OD s/c50 - 150kg Enoxaparin 40mg BD s/c >150kg Enoxaparin 60mg BD s/cGFR < 30 mls / min reduce dose by 50% |

S-table 1: Protocolised management of COVID-19 ARDS patients in the ICU

s-table 2 Legend: PEEP = positive end expiratory pressure. FiO2 = fraction inspired oxygen concentration. PBW = predicted body weight. Ppeak = peak inspiratory pressure, Pplat = plateau pressure. GFR = glomerular filtration rate. OD = once a day, BD = twice daily. S/c = subcutaneous.