

## Multi-Disciplinary Team Ventilator Optimisation – Target Parameters

### Volume Controlled Modes

- Date on which form completed:.....
- Overall goal(s) for next 24 hours:.....
- Perform routine.....blood gases every.....hours (only if indicated)
- Confirm that tidal volume, PEEP, inspiratory time and trigger have been reviewed at the ward round
- Confirm whether VC-Autoflow should be on or off

Fill in the details below for the parameters to target, there is no requirement to set targets for all three of these parameters

#### FiO<sub>2</sub>:

- Titrate FiO<sub>2</sub> to maintain SpO<sub>2</sub> between.....and.....%
- and/or PaO<sub>2</sub> between.....and .....

#### Peak inspiratory pressure (PIP):

- Allow PIP of up to ..... cmH<sub>2</sub>O. If PIP high, seek clinician review
- Monitor Pressure Support throughout, and ensure it not set at a higher value than PIP

#### Controlled rate – select etCO<sub>2</sub>, PaCO<sub>2</sub> or H+ guided:

- etCO<sub>2</sub> guided: titrate controlled rate by ..... up to every ..... hours to maintain etCO<sub>2</sub> between ..... and.....
- PaCO<sub>2</sub> guided: titrate controlled rate by ..... up to every ..... hours to maintain a paCO<sub>2</sub> between ..... and .....
- H+ guided: titrate controlled rate by ..... up to every ..... hours to maintain H+ between ..... and .....
- Do not reduced controlled rate to below ..... or increase to above .....
- If the patient's measured resp rate is above the age-appropriate normal range do not wean controlled rate, may be appropriate to increase controlled rate in this scenario – see table below for reference

Normal Respiratory Rates	
Age	Normal resp rate
Term baby- 3 months	25-60
3-6 months	25-60
6-12 months	20-55
1 year	20-40
2 years	20-30
3 years	20-25
4 years	18-25
5-10 years	15-25
>10 years	12-25