

Date:

Patient ID

Airway Aims Suction passing freely

Checks	Treatment protocol	yes	no
Cuff leak?	Change tube		
> 10-14 days ventilated?	Expert advice for tracheostomy - infection control vs weaning		

Breathing Aims pH > 7.15 SPO₂ 90% PaO₂ 8 6-8ml/kg ideal body weight tidal volume

Ventilator safe?	VT 6-8 ml/kg tidal volume IBW, PEEP >5-8 Adequate Support (PS, ASV, ASB, etc)	yes	no
Fi Oxygen ≤ 40%?	Wean support Stable for 12hrs → expert advice → extubation to facemask O ₂		
Fi Oxygen 40% - 60%?	Sputum plugging? Pneumothorax? Secondary infection? PEEP trial (increasing PEEP) CXR/ USS if skilled/CT thorax		
Fi Oxygen ≥ 60%?	Do above plus Higher PEEP trial 10 - 12 - 14 - 16 (consider deltaP) Use intermittent paralysis No improvement - prone early No improvement -ECMO/APRV		

Circulation Aims MAP 60-65 Neutral or negative fluid balance

Norad > 0.5 mcg/kg/min?	ECHO/USS & CO monitor & consider CT body Avoid steroids and hold diuretics Consider second vasopressor/inotrope Add broad spectrum IV antibiotics -	yes	no
Positive fluid balance?	Add diuretics or increase current dose Consider cRRT if oxygen > 60%		
CPR and escalation decisions?	Family & expert advice (& national guidance if available)		

Sedation Aims Calm and safe if stable Deeply sedated if unstable

if FiO ₂ ≤ 40%?	Daily sedation hold or stop long acting agents Wean sedation Consider alternative options if agitated and high BP	yes	no
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Exposure Aims Minimum number of procedures and lines

Central line?	Red, > 10 days, not needed for > 1 day - yes change/remove	yes	no
Research?	Recruitment into COVID or non-COVID study?		

Food and family Aims Fed Opening bowels every day Family updated

Feed commenced?	NG feed, add laxatives when established Insulin if glucose > 15mmol/L or complications (if safe)	yes	no
Bowels opened?	Add laxatives		
Family updated?	Phone/Skype/dedicated family update team		

Lab tests Aims Review and act on all results

Blood tests?	Daily standard tests & less frequent others (Biohazard)	yes	no
Pregnancy test?	βHCG and if positive contact obstetrics	+ve	-ve

Infection/drugs Aim Get a diagnosis Review/minimise all drugs

Samples collected?	Dry viral swab from throat and nose or sputum for COVID-19, respiratory viruses Samples to exclude/diagnose Community Acquired Pneumonia Sputum sample (fungal?)	yes	no
Drug chart reviewed?	DVT prevention drugs Mucolytics gastric protection omeprazole iv or ng lansoprazole Mechanical DVT prevention		
Is there secondary infection?	Check allergies - add broad spectrum antibiotics 5 days Antifungals?		

Name:

Signature:

GMC / NMC number

Daily checklist for ventilated COVID19 patients