

Respiratory impact of Covid-19

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Background

- Symptoms – importance of breathlessness
- CXR – very abnormal
- Respiratory failure – main reason for ITU and death
- Patients with Respiratory disease – increased risk
- Course and outcome for covid-19 – very unpredictable

Management – supportive care

- Fluids
- Antibiotics
- Drug trials
- Oxygen therapy

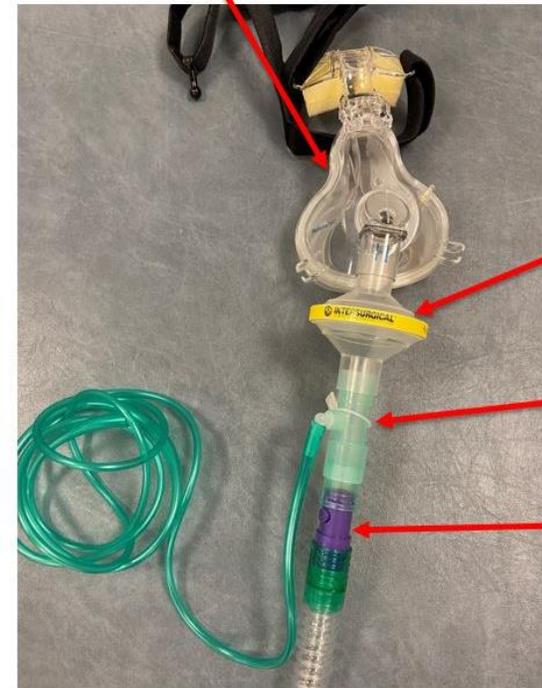
When these measures don't suffice

- “proning”
- CPAP
- Invasive ventilation in ITU (50% mortality)

CPAP



Non-vented full face mask



Bacterial/Viral Filter

Oxygen Entrainer

Exhalation port
DO NOT COVER

Complications of Covid -19

- Blood clots
- Lung scarring
- Deconditioning
- Psychological sequelae

The elephant in the room

- Delayed treatment of respiratory disease
- Virtual clinics are no substitute for face-face clinics
- Patients are scared to come to hospital
- We are seeing complications of Pneumonia, Asthma COPD and most worryingly Lung cancer