



# MODIFIED ALS ALGORITHM DURING COVID PANDEMIC RESPONSE (v2.3)

**PREFERRED AREA**

**AIRWAY TEAM**

**OTHER TEAM (<1.5m)**

**OTHER TEAM (>1.5m)**

**RED**

**ANY COMMUNITY RISK**

**ISO / T1**

AIRBORNE PRECAUTIONS  
**N95**

AIRBORNE PRECAUTIONS  
**N95**

AIRBORNE PRECAUTIONS  
**N95**

**ORANGE**

**MOD / HIGH COMMUNITY RISK**

**T1 / ISO**

AIRBORNE PRECAUTIONS  
**N95**

AIRBORNE PRECAUTIONS  
**N95**

AIRBORNE PRECAUTIONS  
**N95**

**NO / LOW COMMUNITY RISK**

**T1 / ISO**

AIRBORNE PRECAUTIONS  
**N95**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

**GREEN**

**MOD / HIGH COMMUNITY RISK**

**T2 / (T1)**

AIRBORNE PRECAUTIONS  
**N95**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

**NO / LOW COMMUNITY RISK**

**T2 / (T1)**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

DROPLET PRECAUTIONS  
**SURGICAL MASK**

**NO PPE REQUIRED**

**MODIFIED ALS ALGORITHM**

**STANDARD ALS ALGORITHM**

**Passive Oxygenation:** only use Hudson mask 8L/min until definitive airway

**Compression-only CPR** until definitive airway

**During defibrillation** switch off O<sub>2</sub> at flowmeter instead of removing HM

**Consider passive BVM with good seal** (2 handed technique) and viral filter. Do not 'bag' the patient

**Stop chest compressions airway placement** until position confirmed and viral filter attached

**One attempt at tracheal intubation only by most experienced intubator**, then move to LMA

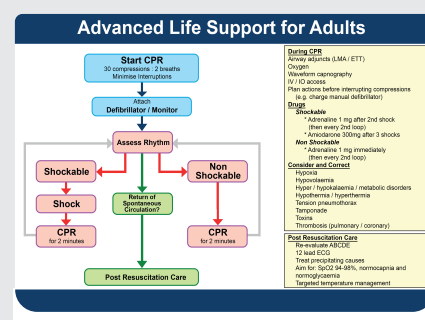
**Bougie likely to be heavily contaminated**, be careful

**If LMA placed CPR:Vent 30:2.** Do not do compressions during ventilation with LMA

**Consider plastic sheet** to cover patient's face post LMA insertion to reduce aerosolised particles

**Otherwise follow usual ALS algorithm**

Following ROSC, consider transition from LMA to ET tube in ICU



**IMPORTANT**

CHEST COMPRESSIONS AND DEFIBRILLATION ARE NOT AGPs  
Commence immediately in arrest whilst others don PPE