Barts Health NHS Trust yal London Hospital COVID Intubation SOP

REDUCE STAFF EXPOSURE. REDUCE KIT CONTAMINATION. REDUCE AEROSOL GENERATION. MAXIMISE 1 ST PASS INTUBATION				
	Airway Doctor 1	Doctor 2	Skilled Assistant	Runner
1	Assemble Team, Drugs and Equipment (List and locations attached)			
2	Brief team (Consider VL if anticipated difficult airway)	Prepare Drugs	Check all kit present and working	Check all kit present and working Maintain outside communication
A: DIRECT LARYNGOSCOPY (Consider VL), MAC 4, BOUGIE. B: I-GEL, REASSESS. C: CONSIDER FACEMACK VENTILATION, DEEPEN PARALYSIS. D: FRONT OF NECK				
3	DON PPE AND ENTER ROOM			REMAIN OUTSIDE
4	Airway assessment Check and Pre-program ventilator settings	Optimise patient position Ensure X2 IV Access Fluid attached and running	Attach and check monitoring Check suction ready DO NOT USE PORTABLE SUCTION	Liaise with Airway Doctor 2 Provide additional kit requested
5	Pre O2: Waters circuit with HME, 2 hands, tight seal. Minimise O2 flows and PEEP: Aim 5 L O2 max			Place silver trolley outside door but at arms reach of the team.
6	40 sec apnoea DESATURATION LIKELY Avoid BVM	Induce anaesthesia RSI (Drugs and doses attached)		Place any requested kit on the trolley Doctor 2 will take the kit from the trolley
7	Intubate patient			Do not hand kit directly to each other
8	Do not start ventilation until cuff up	Confirm tube placement. Capnography, chest movement	Inflate cuff immediately 5-10 ml Connect to ventilator ASAP	Provide communication and logistics with the rest of the hospital
9	Dispose of 3 rd set of gloves after instrumenting airway			 Assist with team safety and donning and doffing
10	Ventilation: 6ml/kg ideal BW Titrate PEEP (High requirements)	Sedation: Propofol infusion Pressors: Metaraminol bolus/infusion Invasive lines can wait until critical care (Unless significant delay)	Avoid circuit breaks if possible If circuit break is necessary , turn off ventilator, break distal to HME and clamp tube	
11	Change PPE fully if involved in transfer. Transfer as per COVID transfer policy			
12	All single use equipment in the room must be disposed of. Non disposable equipment must be cleaned with green clinell wipes and chlor-clean solution			

Plan A: Side room Plan B: 2 Metre perimeter around patient

INSIDE: Wall Oxygen, Wall Suction, Sink & Alcogel, Clin waste bin **OUTSIDE**: Sink & Alcogel, Clin waste bin

Awareness

Bag (F)

Room

4 blade

Bougie 4 Face Mask

4 igel

6 NPA

Filter

Gel

Size 7 FTT

Hat/Visor/FFP3 Mask/Surg

COVID Intubation Grab

4th floor theatres ABG

ACCU NIC Office A

ED intubation tray

Laryngoscope

Green guedel

20ml Syringe

Mapleson C

Tube Tie

Catheter mount

Suction catheter

In-line suction

Doctor 2

Skilled Assist

ODP/ITU/ED Nurse

Airway Doctor 1 WHO Most experienced intubator

Gown/Apron/Gloves X3 (+/- shoe covers)

Bag (M)

Room

Anaesthetist/ITU/ED

COVID Intubation Grab

4th floor theatres ABG

ACCU NIC Office A

ED intubation tray

Laryngoscope

4 blade

Bougie

5 igel

7 NPA

Filter

Gel

Size 8 FTT

5 Face Mask

Orange guedel

Catheter mount

Suction catheter

In-line suction

20ml Syringe

Mapleson C

Tube Tie

Gown/Apron/Gloves X3 (+/- shoe covers)

Drugs/Haemodynamics/Situational

DRUGS & EQUIPMENT

Transport Monitor

ED

ACCU

FCG Leads

ECG Dots

NIBP Cable

NIBP Cuff

Sats Probe

Capnography tubing

Post Procedure

Assist Intubation

ED

ACCU

ODP/ITU Nurse

Hat/Visor/FFP3 Mask/Surg Gown/Apron/Gloves X3 (+/- shoe covers)

Transport Ventilator

Ventilator tubing

2nd filter at vent end

Runner Equipment

4th floor theatres

Sliver trolley

of neck kit)

IV Pumps X2

Medications 50ml Propofol

Rocuronium

O2 cylinder X2

Consider Crash trolley

(syringe & tubing)

Difficult airway trolley

(CMAC/McGrath)(Front

ED

ACCU

environment

Visor/FFP3 Mask/Apron/Gloves X1

Drugs

4th floor theatres

Fentanyl 1-2 mcg/kg

Ketamine 1-2 mg/kg

Propofol 1-2 mg/kg

Metariminol 0.5mg

bolus to effect

Rocuronium 1.2mg/kg

ED

ACCU

Support team/Provide kit/Know

Runner

PPE **PPE Grab Bag**

ROLE

Intubation

Hat/Visor/FFP3 Mask/Surg

4th floor theatres ABG Room ACCU NIC Office A

Hat

