

MIST BUNDLE CHECKLIST

COLD ZONE

- Determine the risk-benefit ratio of intubation
- Allocation of roles to the team members
- Use of closed-loop communication

Role of Registered Respiratory Therapist (RRT)

- Pre-set the ventilator for pre-oxygenation
- Ensure sturdy connection of ventilator tubing
- Equipment in intubation trolley
 - Intubation unit
 - Macintosh Laryngoscope with blade size 3 and 4 in a sterile tray
 - Video laryngoscope preferred (if available)
 - Stethoscope
 - Cuffed ET tube
 - ET Tube fixator
 - IV fluid with infusion set
 - Zip lock bags

Role of Registered Nurse (RN)

- Preload drugs with labelled syringes
- Drugs
 - Inj. Etomidate (0.3mg/kg body wt) or Inj. Ketamine (1-2 mg/kg body wt)
 - Inj. Rocuronium (1-1.2mg/kg body wt)
 - Vasopressor (if required)
 - Infusions for sedation and paralysis

PPE

- Donning according to standard principles

HOT ZONE

Role of Team Leader (TL)

- Proper mask seal with NIV + Optimize patient position
- Adequate pre-oxygenation for 3mins until saturation is >88%
- Remove NIV mask only after the ventilator is on standby mode
- Ensure visual passage of bougie through the vocal cords
- Secure tube with tube fixator
- Place the laryngoscope with tray into a zip lock bag

Role of Registered Respiratory Therapist (RRT)

- Ensure functioning of wall mounted suction
- Start ventilator for pre-oxygenation AFTER adequate mask seal
- Keep ventilator on standby mode after the pre-oxygenation
- Place the NIV mask in a zip lock bag
- Preset the ventilator to ACMV for ventilation after intubation
- Assist the TL with the intubating unit while passing the bougie through the vocal cord
- Inflate the cuff immediately after tracheal intubation
- Remove the bougie and discard into pre-set disposition system
- Confirm tube position by ETCO₂ monitor or five point auscultation
- Start mechanical ventilation only after cuff inflation
- Ensure there is no leak

Role of Registered Nurse (RN)

- Ensure the patency of IV access
- Communicate the vitals periodically to the TL
- Administer the inducing and paralytic agent
- Initiate sedation and paralytic infusions

WARM ZONE

- Careful equipment disposal
- Decontamination of reusable equipment
- Remove PPE
 - Standard doffing procedure
 - Meticulous disposal