

Can't intubate, can't ventilate Scenario 6

Aims

- Putting into practice an RSI, difficult airway and can't intubate/ can't ventilate situation
- Human factors
- Practical issues

Faculty Brief

Mr Jones is an 82 year old man who arrived half an hour ago on ICU intubated and ventilated following an appendicectomy. His sedation has been turned off as the ICU anaesthetic consultant instructed the nursing staff before leaving

PMH – Previous MI 5 years ago, COPD, diabetes. Usual exercise tolerance 20 yards

Medication – paracetamol, codeine, simvastatin, metformin, aspirin, bisoprolol, spiriva

Allergies - Nil

The patients ETT came out while he was being rolled to change his sheets

Prior to administration of muscle relaxant the patient can be ventilated with difficulty using a mask and waters circuit however the sats are 90% and falling.

After muscle relaxation airway Management only possible with cricoid thyroidotomy and ventilation via it.

Scenario ends when the patient is oxygenated via the cricoid thyroidotomy

Please ensure the candidates are aware of the aims at the beginning of each session. The feedback should focus on the human factors

Further information

A – Not maintained

B – RR 0, SAO₂ 86%, CHEST CLEAR

C – HR 110 NSR. B/P 120/90. IV ACCESS AND ART LINE PRESENT.

D – BM 5.2. PEARL. PATIENT UNRESPONSIVE

E – NIL OF NOTE

SAMI

	Initial	During preoxygenation	During intubation	Manujet
SaO2	86%	90-93%	90% slowly fall	92%
HR	110	110	140	110
B/P	120/90	120/90	100/60	100/70
CO2				5.5KPa

Student Brief

Mr Jones is an 82 year old man who arrived half an hour ago on ICU intubated and ventilated following an appendicectomy. His sedation has been turned off as the ICU anaesthetic consultant instructed the nursing staff before leaving

PMH – Previous MI 5 years ago, COPD, diabetes. Usual exercise tolerance 20 yards

Medication – paracetamol, codeine, simvastatin, metformin, aspirin, bisoprolol, spiriva

Allergies - Nil

You are called urgently to the patient as his ETT came out while he was being rolled to change his sheets

Equipment

- Sim man with iv cannula in situ
- Syringes (20ml, 10ml and 5ml)
- Needles for drawing up
- Drugs or water/ N.saline (depending on the level of fidelity of the Sim man, access to drugs and local protocol)
- ETT x2
- Bougie
- Gel
- Suction
- 10ml syringe
- Scissors
- Face mask
- Waters circuit
- Guedel airways
- Tie
- Monitoring, including capnography
- Copy of B@EASE checklist
- Copy of difficult airway algorithms

SAMI

- Difficult airway trolley
- Drugs for intubation, drawn up and labelled