

## Can't intubate, can't ventilate Scenario 5

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### *Aims*

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

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### *Faculty Brief*

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Mr Ken Smith is a 46 year old man who had a right hip replacement 2 days ago. He is on the ICU as there were no beds on SHDU and he has CPAP at night to manage his OSA.

PMH – OSA, OA

Medication – paracetamol, codeine, simvastatin, metformin.

Allergies - Nil

Over the last 30mins he has suddenly desaturated to 90% on 100% HF and his RR has increased to 40. He is haemodynamically stable.

SaO<sub>2</sub> unable to rise above 90% and falling

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

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### *Further information*

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A – Maintained

B – RR 32, SAO<sub>2</sub> 90%, OXYGEN AT 15 LITRES ON NON-REBREATHE, CHEST CLEAR

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

D – BM 5.2. PEARL. PATIENT RESPONDING TO VOICE BUT PAUSE EVIDENT BEFORE RESPONSE

E – NIL OF NOTE

SAMI

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

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*Student Brief*

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Allergies - Nil

Over the last 30mins he suddenly desaturated.

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*Equipment*

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