

Scenario 1		
Scenario: Hypoventilation	Patient: Kate Moss 45 year old woman	Simulator SIMMAN Essentials
Case Summary: Kate Moss, 45 year old, woman with a history of depression and personality disorder. She was found by her daughter unconscious with 3 empty bottles of wine and an empty packet of her alprazolam tablets. The ambulance counted over 60 2mg empty blister of alprazolam by her side. A suicide note has been found. On arrival to the ED Kate is unconscious with a GCS of 3 and apnoeic. She will need Bag Valve mask ventilation in order to increase her saturations and then the team can talk about definitive management.		Participant Briefing: I – Kate Moss, 45 year old woman M – Found on floor by daughter, 3 bottles of wine and 60 x 2mg alprazolam tablets missing. Suicide note next to the patient I – Intoxicated S – HR 68, BP 120/80, Sats 89%, RR 3, GCS 3 T – 1 x cannule A – Nil known M – nil regular B – Previous suicide attempt O – daughter is coming in by car
Clinical Issues		Human factors / Non technical issues
Management of the apnoeic patient Basic airway manoeuvres and use of adjuncts Causes of reduced level of consciousness		Working in a team Resuscitation of patient with a suicide attempt
Learning Objectives: To perform a systematic approach to the apnoeic patient. To demonstrate basic airway manoeuvres and use of adjuncts. To demonstrate bag valve mask ventilation and identifies potential difficulties using BOOTS Identifying reversible causes of reduced level of consciousness		
Faculty Actors: Faculty nurse will proactive and helpful, Kate Moss will remain GCS 3		

This project was possible due to funding made available by Health Workforce Australia

Equipment & Props: EdWISE Airway Box and Extras IMIST AMBO handover laminated		
Monitor: ED setup ECG SPO2 CO2 ready NIBP		
Patient Moulage: Casual clothing, smell of alcohol		

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Patient presentation	Expected response by participants	Faculty /Actors Notes
<p>Initial Presentation</p> <p>Rhythm sinus HR 68 BP 126/72 RR 3 SPO2 89% Temp 37.2 GCS 3</p>	<p>Takes hand over from CDA Allocates roles Assess airway patency Performs head tilt chin lift/jaw thrust and awaits response Places monitoring on Counts RR – 3 Recognises hypoventilation with sats of only 89% and will need ventilation support Bag valve mask ventilation with ongoing airway support with/out airway adjuncts, Checks adequacy of response look, listen feel approach</p>	
<p>Progression</p> <p>HR 80 BP 130/70 RR as bagged Sats Improve to 96% with adequate ventilation GCS remains low</p>	<p>Adequate BVM with adjuncts Establish an IV access Consider need for fluids and naloxone Supportive care Set up for intubation – call for help and preparation</p>	
<p>Debrief Guide</p>		
<p>Key clinical issues</p> <p>Management of a patient with hypoventilation – use of simple manoeuvres and adjuncts Causes of hypoventilation and reversing agents</p>	<p>Key non technical issues</p> <p>Communicate effectively in a team Consider ethical issues of resuscitating a patient with suicidal intent</p>	

Ambulance Handover

I – Kate Moss, 45 year old woman

M – Found on floor by daughter, 3 bottles of wine and 60 x 2mg alprazolam tablets missing. Suicide note next to the patient

I – Intoxicated

S – HR 68, BP 120/80, Sats 89%, RR 3, GCS 3

T – 1 x cannule

A – Nil known

M – nil regular

B – Previous suicide attempt

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