#### EdWISE Scenario C8-1



Cardiac Module – C7 Submodule – Integrated Team Management Cardiogenic Shock - Scenario 1 In Scenario Materials

#### **Ambulance Hand Over**

**M** – Alf Stewart a 75-year-old gentleman woke at about 0430 with difficulty breathing. He felt light headed and anxious and his wife phoned for an ambulance.

I – He sounds wheezy and has a strong history of ischaemic heart disease. He has had a previous CABG, smokes and has diabetes and high blood pressure.

**S** – At the scene Alf's observations were: RR - 40/min, Sats - 93% on air, HR - 110 irregular and NIBP was 110/75. Just before arrival at the ED his observations were: RR - 35/min, Sats 95% on a Hudson mask, HR - 110 irregular and NIBP - 100/60.

**T** – Alf has been cannulated with an 18G cannula. Oxygen started and 5mg of nebulised salbutamol given en route. He has also received 300mg of aspirin.

A – No Known Allergies

**M** – Aspirin-75mg, Ramipril-5mg, Atenolol-50mg, Simvastatin-20mg, Omeprazole-20mg, Diet control for his diabetes

**B** – CABG 8 years ago, Hx of diabetes, hypertension, smoking and GORD

**O** – Wife followed in her car. She was told to check-in at reception and someone would be out to talk her when they could.









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## ABG @ 5 Min

рН	7.31	. (7.35-7.45)
paCO <sub>2</sub>	53	(35-45 mmHg)
paO₂	72	(80-100 mmHg)
HCO₃	18	(22-26 mEq/L)
BE	- 4.3	(-2 to +2)
Lac	3.3	(0-2)
Glu	8.6	
Hb	126	

## VBG @ 5 Min

рН	7.28	(7.35-7.45)
paCO <sub>2</sub>	57	(35-45 mmHg)
paO₂	33	(80-100 mmHg)
HCO₃	17	(2-26 mEq/L)
BE	- 4.8	(-2 to +2)
Lac	3.5	(0-2)
Glu	8.6	
Hb	127	









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# ABG @ 10 Min

рН	7.23	(7.35-7.45)
pCO <sub>2</sub>	61	(35-45 mmHg)
pO <sub>2</sub>	68	(80-100 mmHg)
HCO <sub>3</sub>	14	(22-26 mEq/L)
BE	-6.3	(-2 to +2)
Lac	4.7	(0-2)
Glu	7.3	
Hb	119	

## VBG @ 10Min

рН	7.20	(7.35-7.45)
pCO <sub>2</sub>	63	(35-45 mmHg)
pO <sub>2</sub>	29	(80-100 mmHg)
HCO <sub>3</sub>	15	(22-26 mEq/L)
BE	- 6.7	(-2 to +2)
Lac	4.8	(0-2)
Glu	7.1	
Hb	130	







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## **ABG @ 15 Min**

pН	7.13	(7.35-7.45)
pCO <sub>2</sub>	58	(35-45 mmHg)
pO <sub>2</sub>	64	(80-100 mmHg)
HCO₃	12	(22-26 mEq/L)
BE	- 8.8	(-2 to +2)
Lac	6.1	(0-2)
Glu	6.6	
Hb	122	

## **VBG @ 15 Min**

рН	7.11	(7.35-7.45)
pCO <sub>2</sub>	61	(35-45 mmHg)
pO <sub>2</sub>	31	(80-100 mmHg)
HCO₃	10	(22-26mEq/L)
BE	-9.1	(-2 to +2)
Lac	6.3	(0-2)
Glu	6.6	
Hb	122	



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