

OSCE

Candidate information

You are the locum consultant in a peripheral hospital. The nearest tertiary hospital is 2 hours away by flight. You have been managing Ethel, an 85 year old female who presented with syncope and was found to be in CHB with a rate of 30bpm.

She is now on an isoprenaline infusion at 8mcg/hr to maintain haemodynamics.

The head nurse has approached you with a few issues regarding Ethel. Please address these.

Domain	%
Medical expertise	40
Prioritisation and decision making	40
Communication	
Teamwork and collaboration	
Leadership and management	
Health advocacy	
Scholarship and teaching	20
Professionalism	

Elderly patient in CHB on isoprenaline

Actor (Head nurse) information

Ethel has presented with syncope secondary to CHB. She is now on an isoprenaline infusion at 8mcg/hr to maintain her haemodynamics.

You have just discovered the ED only has enough isoprenaline for 3 hours. The retrieval team is approximately 2 hours away from landing, weather permitting.

Ethel has a BP of 120/70 and HR 40 on the infusion. Her urine output has been 10ml/hr for the past two hours and she feels dry.

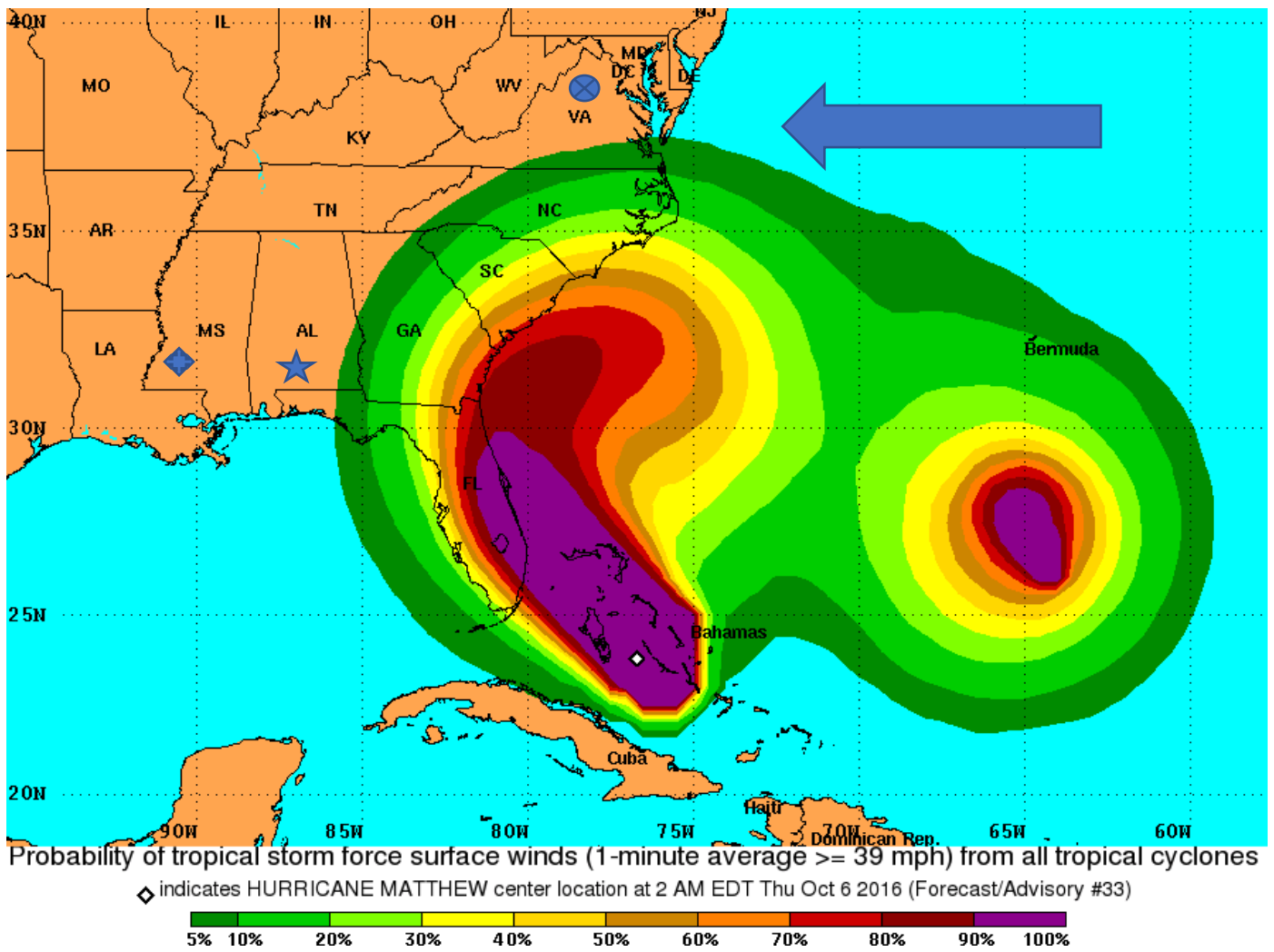
You have approached your consultant to discuss the isoprenaline issue.

Prompts:

- How should we manage the isoprenaline shortage?
- How should we manage her low urine output?
- Do we have any other retrieval options?

Marking:

	Mark
Isoprenaline options – turn down rate, switch to adrenaline, external pacing	2
Explores other sources of isoprenaline – hospital, wards, nearby hospitals	2
Mx of low urine – fluids/albumin/etc	1
Investigation of low urine – ultrasound to exclude obstruction	1
Explores retrieval options	2
Sets appropriate parameters for MAP/BP etc	1
Organised response and approach	1



Direction of storm



Your location



Nearest hospital (50km away)



Nearest tertiary hospital (200km away by road)