

# Case 13

You are an F2 working in the Emergency Department (ED) at General Hospital. Your consultant is Dr Snook.

Your bleep number is 1861

Patient name: Sarah Lincoln

Date of birth: 12<sup>th</sup> April 1981

Patient number: X991012031

Ms Lincoln was referred to ED by her general practitioner due to experiencing dizziness, light-headedness, and shortness of breath for the past 2 hours. Ms Lincoln has been very stressed at work and expresses concern that her symptoms may be related to excessive alcohol consumption the night before (>30 units).

She has a past medical history of hypertension for which she takes lisinopril, and she has no known drug allergies.

On examination the patient's airway is patent and both lungs are clear on auscultation. Heart sounds I – II + 0. Capillary refill time is 3 seconds. Abdomen soft and non-tender.

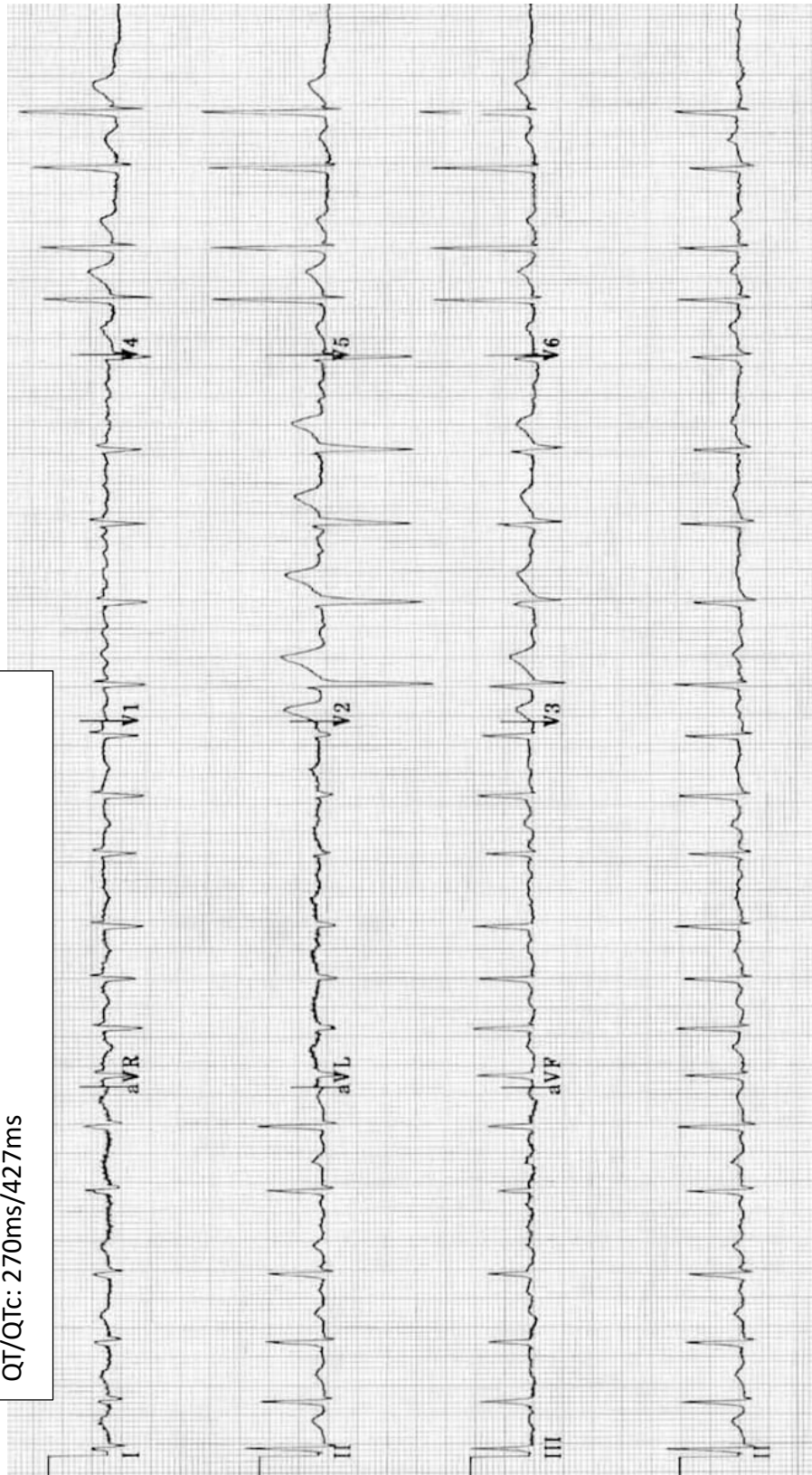
## Investigations

Pulse	150 beats per minute
Blood pressure	98/74 mmHg
Respiratory rate	18 breathes per minute
Oxygen saturations	96% (room air)
Temperature	36.2 degrees Celsius

Chest x-ray and routine blood tests pending.

ECG results are below:

Patient: Sarah Lincoln  
DOB: 12/04/1981 Hospital #: X991012031  
Time: 09:50 Date: 23/03/2023  
Paper speed 25mm/sec. Calibration 10mm/mV  
QT/QTc: 270ms/427ms



## Task

Please report and interpret the results of the ECG on hospital notepaper. Comment on the rate, rhythm, axis, P waves, PR interval, QRS complex, T waves, ST segment and QT interval.

Make sure to include the most likely diagnosis and what the next steps in management should be.

**Hospital:**

**Patient name:**

**Ward:**

**Date of birth:**

**Consultant:**

**Hospital number:**

[illegible]