

CANDIDATE INSTRUCTIONS

You are the emergency medicine consultant in charge of the shift in a tertiary hospital emergency department. A rural hospital medicine specialist has called you for advice regarding a 24 year old woman who has taken an amitriptyline overdose.

Your ED is the closest tertiary facility to the rural hospital.

The rural hospital doctor will be talking to you over the phone when you enter the room. They have faxed through this patient's ECG to your department (attached below).

Your tasks are to:

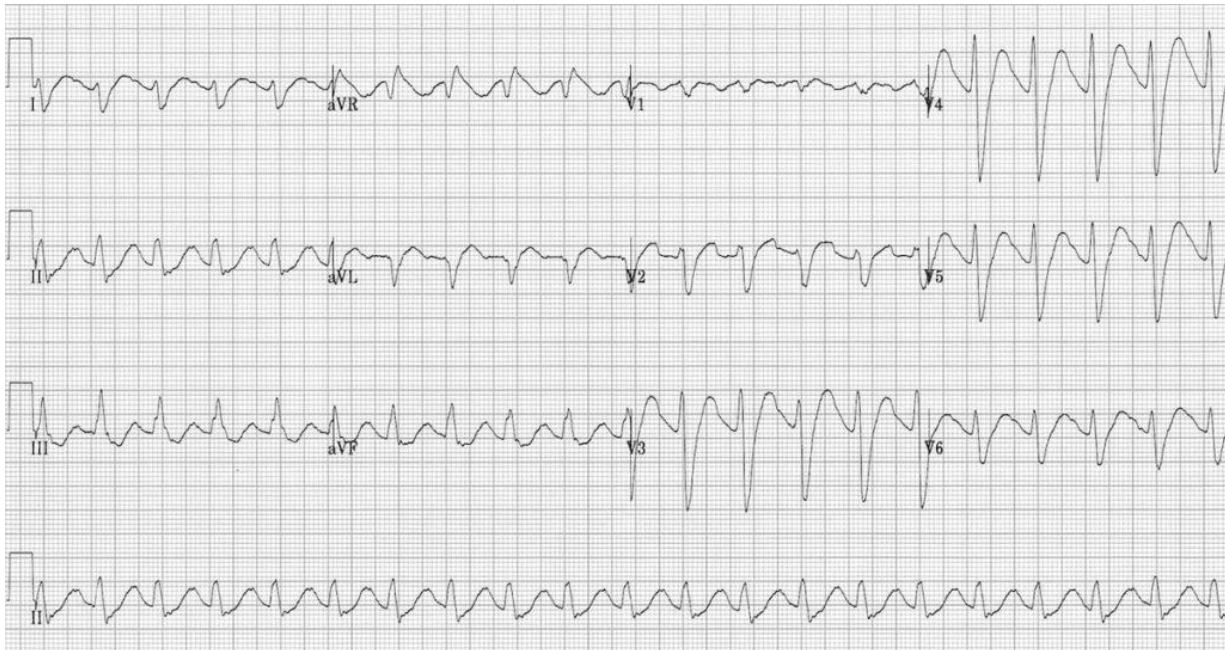
- ascertain relevant information about this patient from the rural hospital doctor
- arrange appropriate management of this patient

Domains assessed:

Prioritisation and decision making	40%
Medical expertise	30%
Communication	20%
Professionalism	10%

You have 7 minutes to complete this station. The camera will be turned off for this station to simulate phone call conditions.

ECG:



You are an experienced rural hospital medicine specialist working in an ED 90 minutes from the tertiary hospital. You have critical care skills including intubation and central venous access.

Your patient is a 24 year old woman (60kg) who has taken 28 x 50mg amitriptyline 2 hours ago (23mg/kg)

Current status:

GCS 10, agitated

HR 120bpm

BP 110/80

Temp 36.4

Sats 97% on air

You have not managed an overdose like this before and ask for advice on what to do

Case progression:

Sodium bicarbonate administration 2mmol/kg (100mmol)

Seizures => benzodiazepines

Intubate => hyperventilate post intubation

No activated charcoal - can ask

Arrangement of transport

Mental health review at tertiary hospital

MARKING SCHEDULE:

Prioritisation and decision making

- transfer required

- discussion about pros and cons of intubation

Medical expertise

Bicarb

Hyperventilation

Benzos for seizures

Exclude co-ingestants

Communication

- discussed at level appropriate to senior physician-senior physician discussion

- clear and calm

Professionalism