

SAQ 3

A 48 year old haemodialysis patient presents to ED complaining of shortness of breath, muscle weakness and nausea

Vital signs are:

Temp 37.2 deg c

BP 100/50 mmHg

RR 20/min

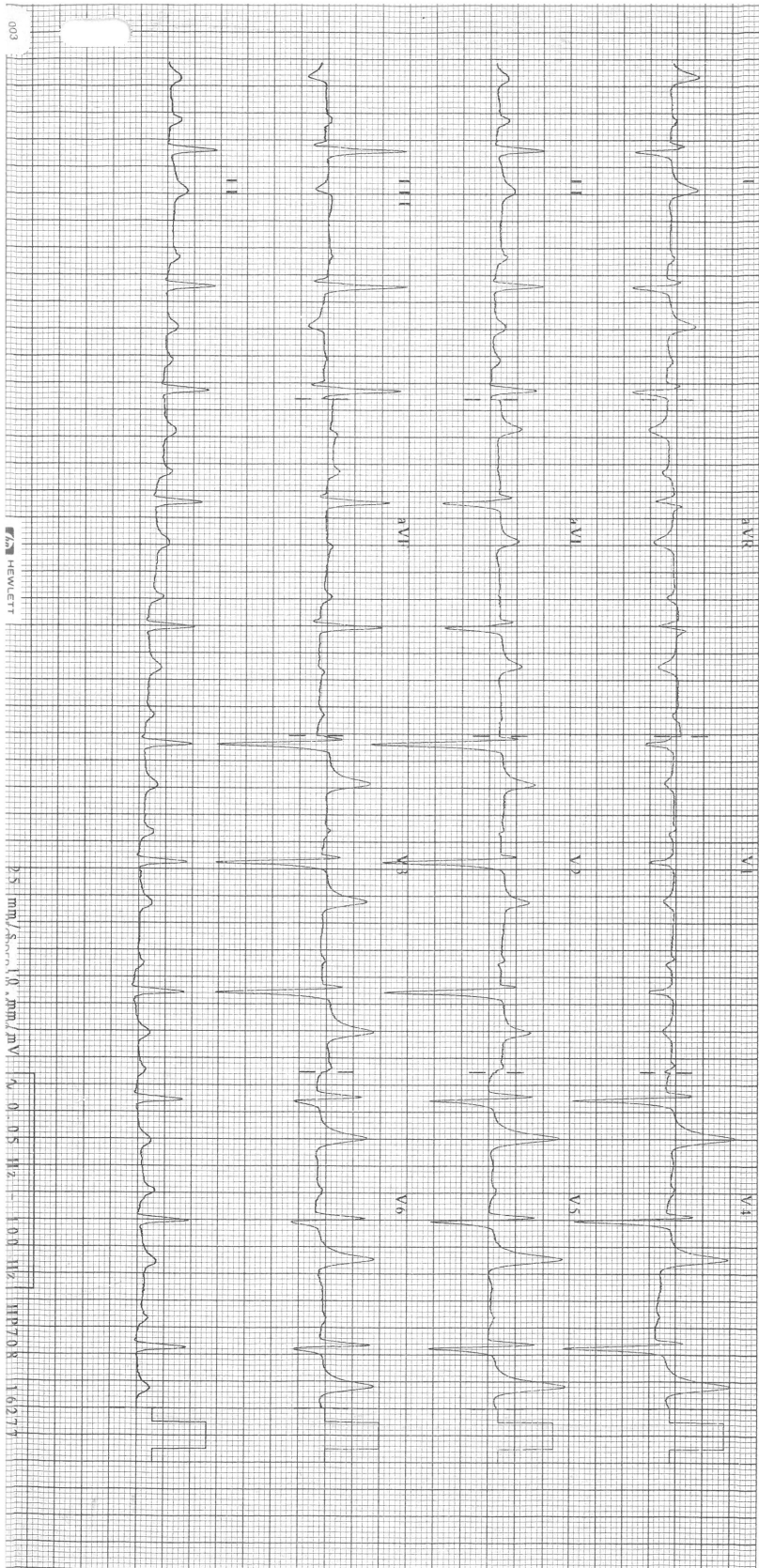
SaO₂ 94% on air

GCS 15

Weight 76kg

The following ECG is obtained (see next page):

- a. What is the most likely diagnosis?
- b. List 5 potential causes of this condition in this patient
- c. List 5 potential treatments for this condition in this patient



Answers

- a. Moderate/severe hyperkalaemia

- b. Missed dialysis,
drugs (k⁺ supplements/sparing diuretics,digoxin
rhabdomyolysis, immobility
hyperthermia, environmental
GI tract bleeding

- c. CaCL 10% 5mls +/-repeat
Salbutamol nebulized repeat hourly if required
NaHCO₃ 1meg/kg
Glucose/insulin (50ml of 50% /IV 10IU)
Haemodialysis
Digoxin antibodies if on dig