

SAQ 2 Answers

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?

Moderate/severe hyperkalaemia

- b. List 5 potential causes of this condition in this patient

Missed dialysis,

drugs (K⁺ supplements/sparing diuretics, digoxin

rhabdomyolysis, immobility

hyperthermia, environmental

GI tract bleeding

- c. List 5 potential treatments for this condition in this patient

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