

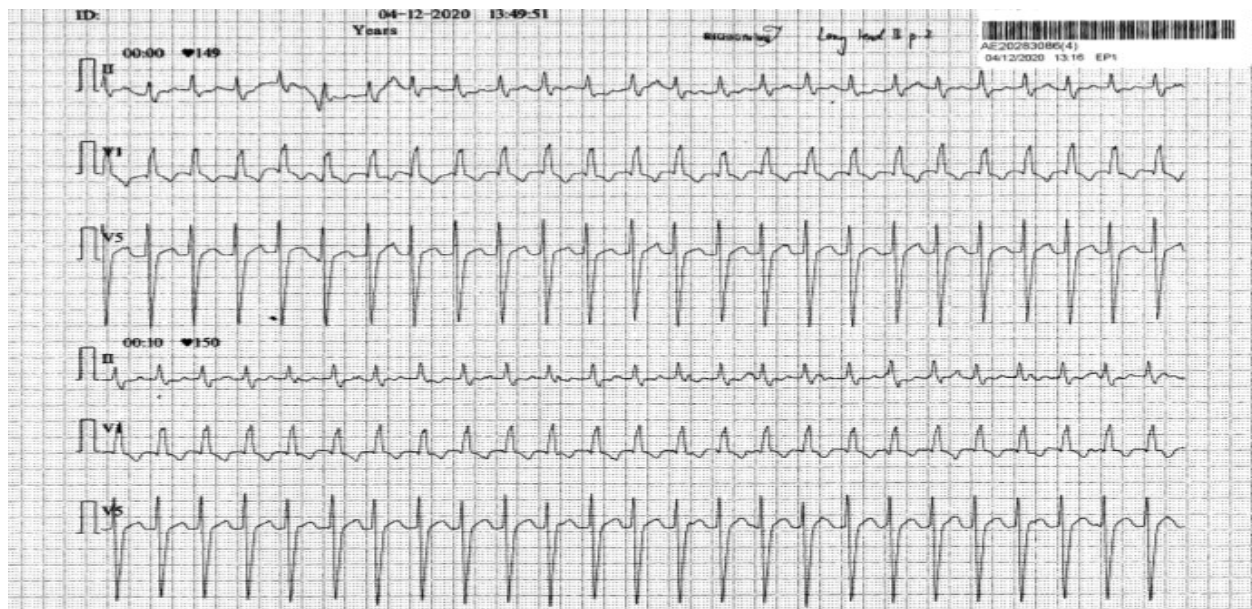
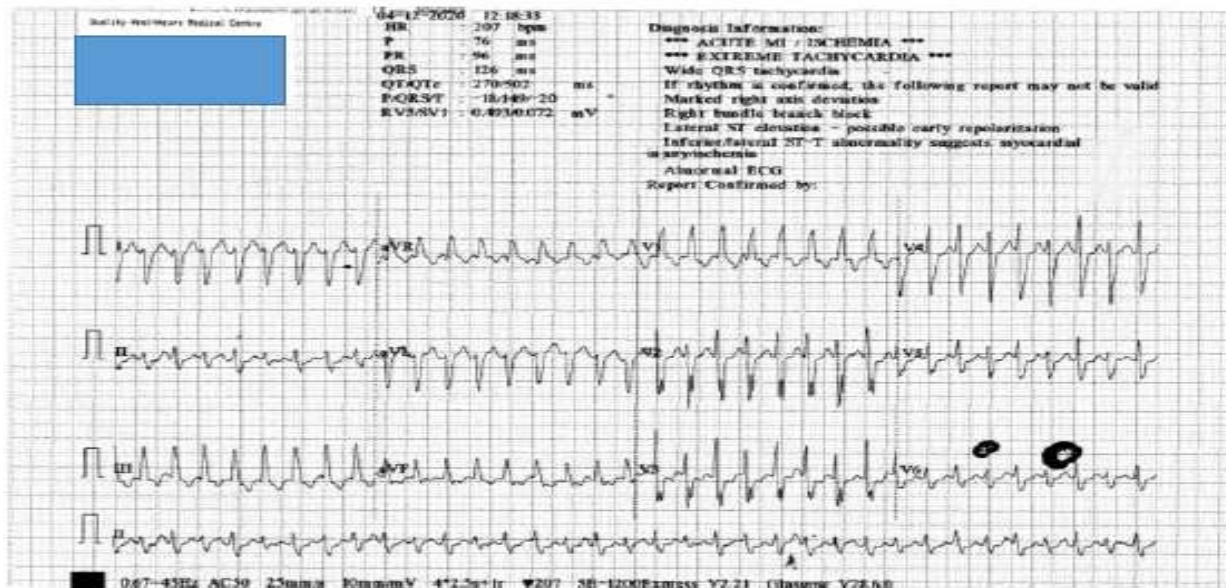
JCM OSCE 7/2021

Case 1

A 28-year-old man, manual worker, with good past health, presented with intermittent palpitation for 2 to 3 days.

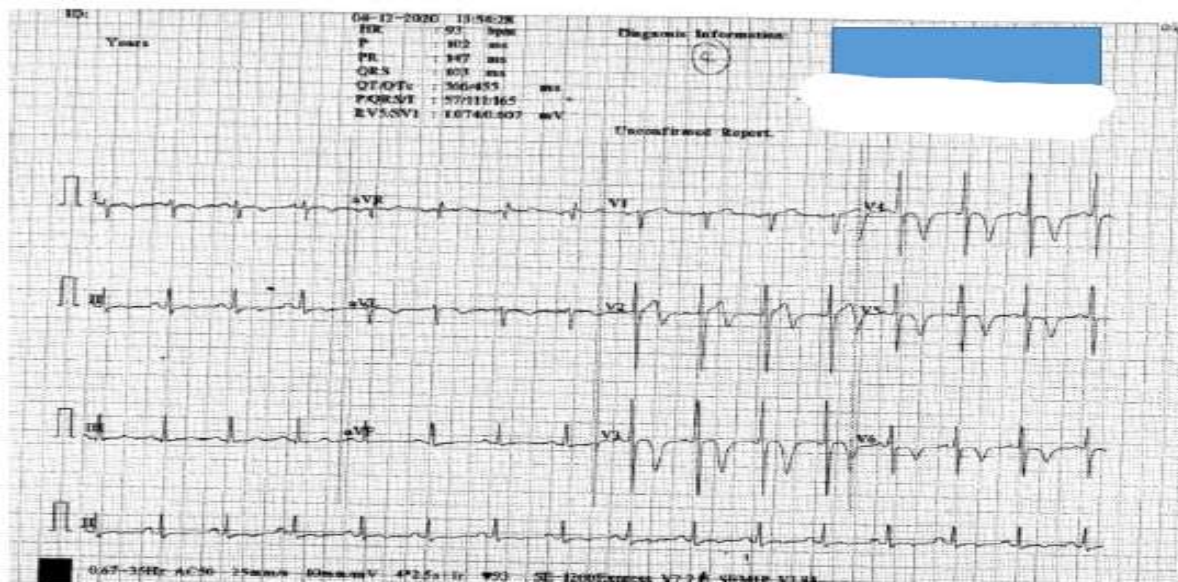
Vitals at triage: Temp 36.5 °C, BP 107/86 mmHg, HR 167 bpm, SpO2 99% on RA, RR 22/min.

These are the ECGs -



- 1) Describe the ECG findings.
- 2) What is the diagnosis?
- 3) What treatment would you give if the rhythm persists?
 - (a) haemodynamically stable?
 - (b) haemodynamically unstable?

After treatment given in 3(a), the ECG became like this



- 4) Describe the ECG and what is this phenomenon?
- 5) What is the definitive treatment for this patient?

Case 2

41-year-old woman, with GPH, complained of abdominal distention for 6 months, and 4 limbs and facial swelling for 1 week.

BP 207/146, P 108, T 37.2, and SpO2 97% (RA).

Bed rest provided at triage

- 1) Your house officer took the above history. Name one important history that is missing.
- 2) Name one bedside test that can have an immediate implication for diagnosis and treatment.
- 3) Name 2 medication options for BP control and the starting dosage.
- 4) The patient develops generalized convulsion, what medication would you give?

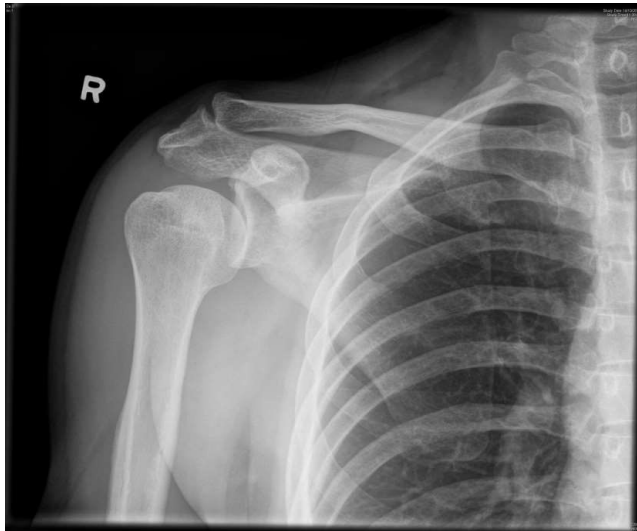
Case 3

48-year-old man sustained slipped and fell 3 weeks before attendance, landed on his right shoulder.

Initially he was seen by bone setter with X ray done, which was commented as NAD.

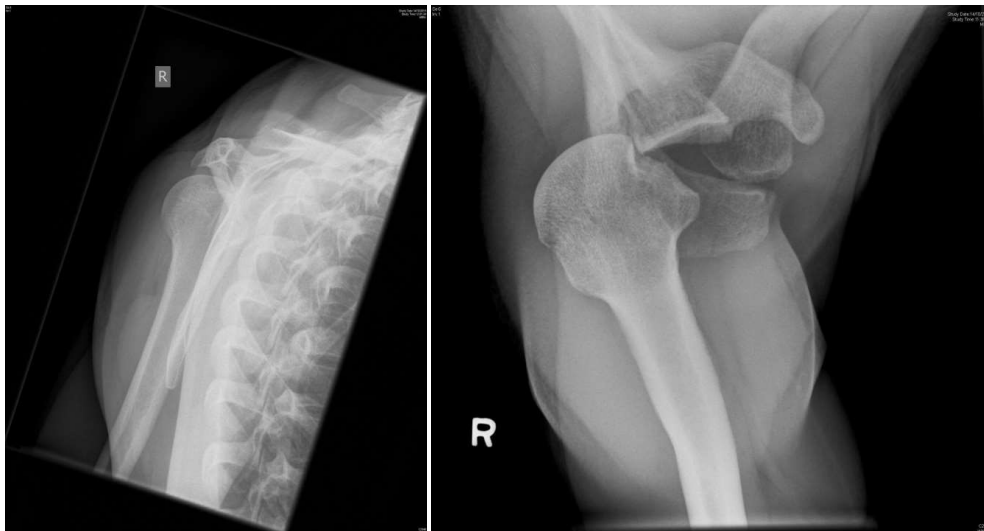
He complained of persistent pain and cannot abduct beyond 90 degree.

An AP view of X ray right shoulder was shown.



1) Describe the X ray finding.

Further X ray views have been arranged.



Left = Fig (a); Right = Fig (b)

2a) What are the views of Fig (a) and Fig (b)?

2b) What is the diagnosis?

2c) Which view was preferred to delineate the diagnosis?

3a) Name one imaging study you would perform before decision on treatment.

3b) What would you like to identify by this study?

4) Describe the closed reduction method.

Case 4

86-year-old man with Parkinson's Disease and requiring wheelchair outdoor, sustained an unwitnessed fall at home while walking to toilet. Left eye bruises were present.



1) Describe the X ray findings.

CT brain was also performed with some bone window films as shown below.

2) Describe the CT findings.

3) What is the diagnosis?

4) What is your treatment at A&E?

Case 5

59-year-old man complained of right eye pain, redness and poor vision for 2 days.

P/E

- Pupil 3mm at left, 6mm dilated at right
- Right cornea haziness+
- VA: Left 20/25 Right NLP

1) What is the most worrisome diagnosis at this stage?

Further history revealed

- On and off subjective fever for 2 weeks
- Malaise and decrease appetite for 1 week
- Chills and rigor, accompanied with palpitation
- Seen GP 10 days ago, given meds without improvement

Further physical exam noted loss of red reflex over right eye

Body temperature 36.6 °C, R/C 38 °C

H'stix 25.8

2) What other diagnosis would you suspect?

3) How would you classify the diagnosis of Question 2?

4) Further history revealed patient also complained of dysuria and urinary urgency. What is the culprit micro-organism?

5) Do you know which antibiotics have better ocular penetration?

6) What would be your management plan?