

# Hong Kong College of Emergency Medicine Joint Clinical Meeting

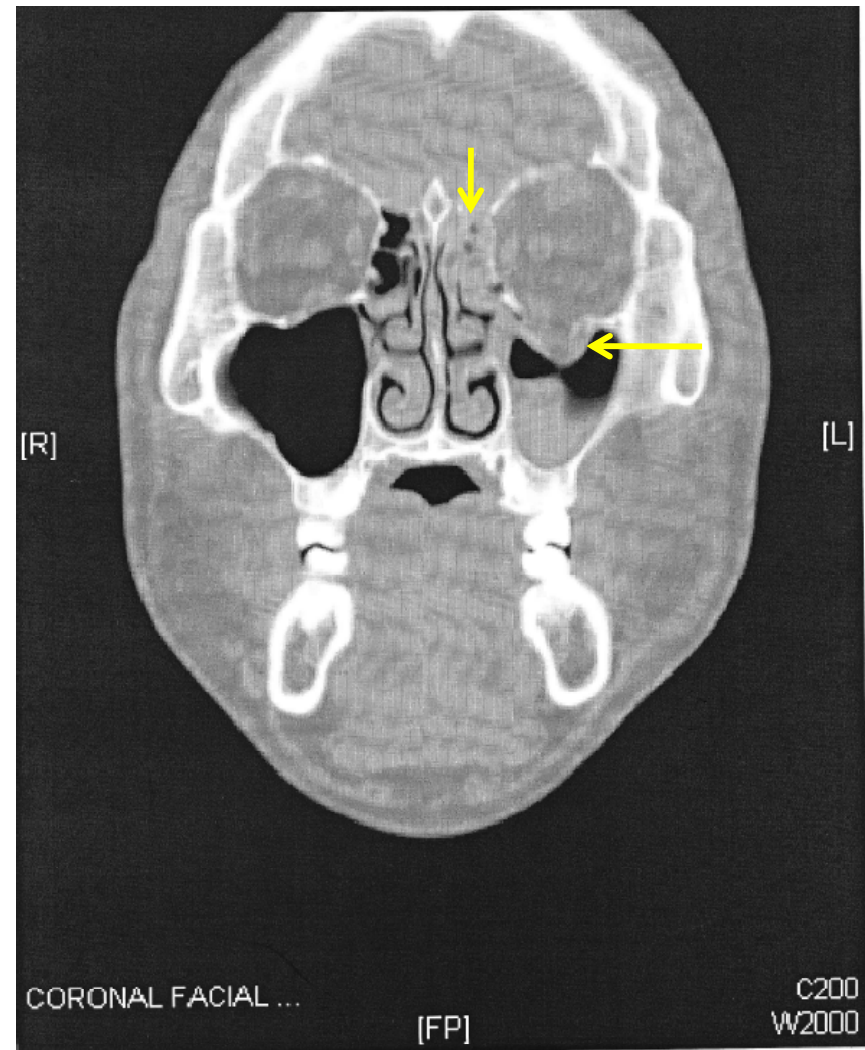
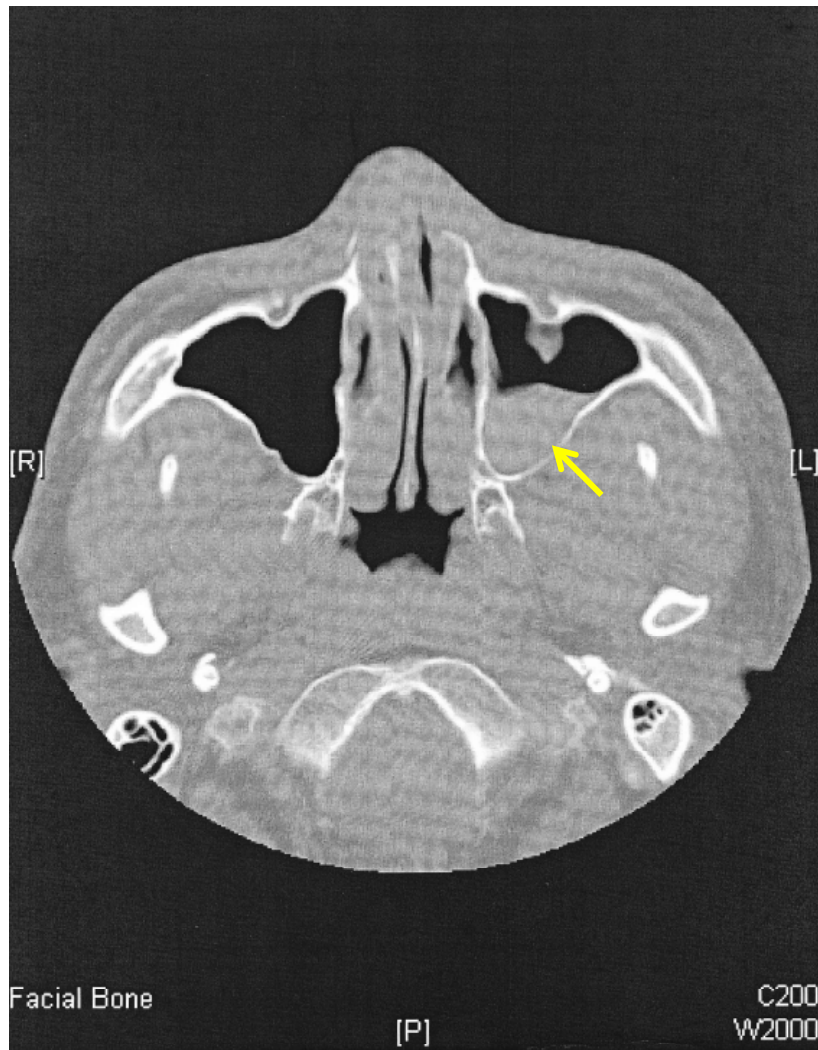
OSCE by NDH

1 Dec 2010

# Question 1

- A 35 year old man attended to A&E Department because of road traffic accident.
- CT scan was taken. (Fig. 1a and 1b)

# Question 1



# Question 1

- Identify the abnormality in the CT scan (3 marks)
  - Tea drop swelling inferior to left orbit
  - Fracture left inferior and medial orbit wall
  - Soft tissue swelling at left ethmoid sinus and maxillary sinus

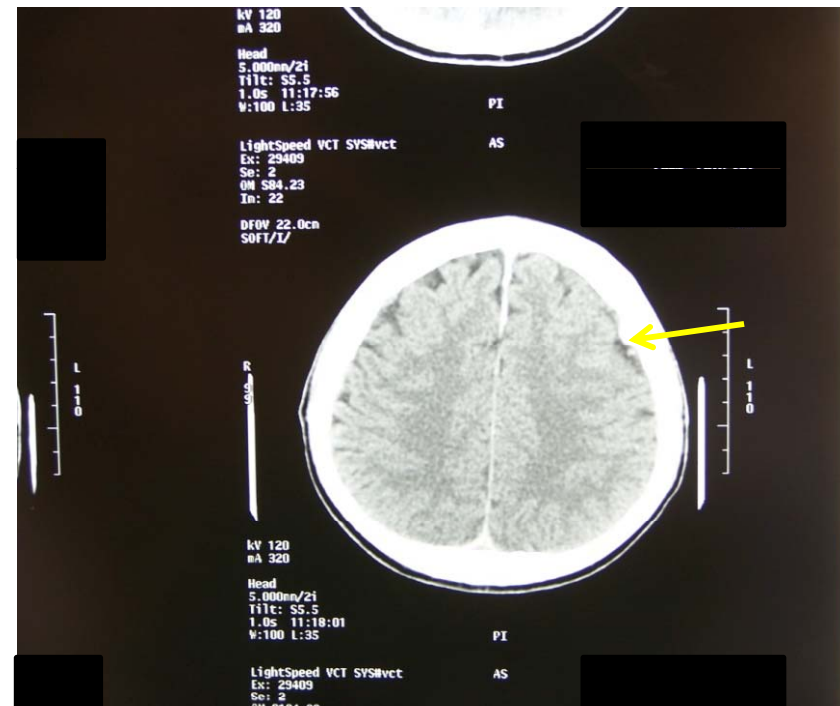
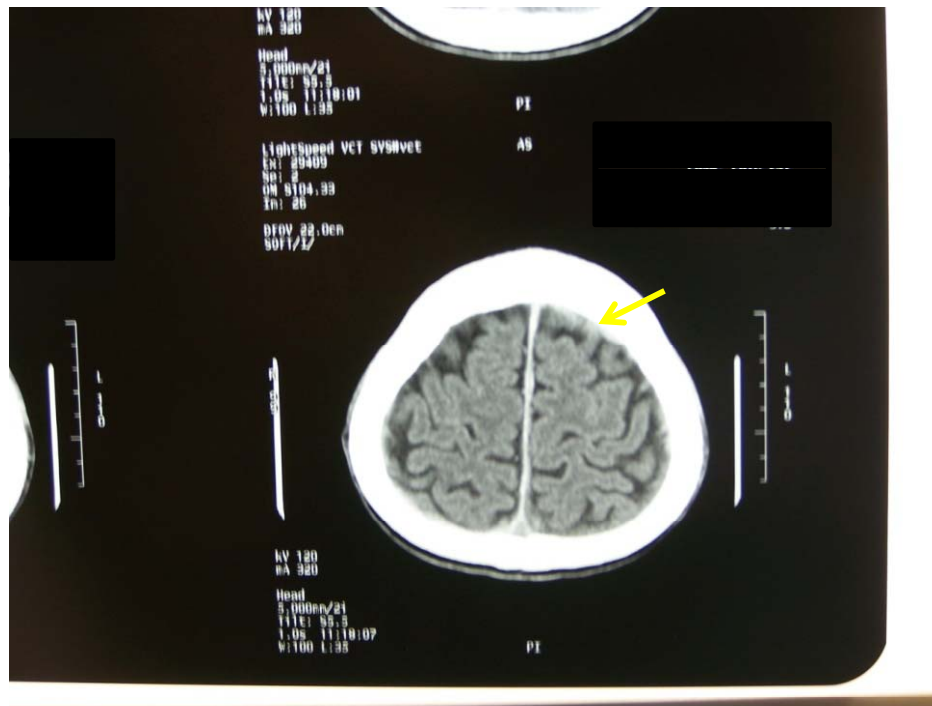
# Question 1

- What do you expect in the physical examination (2 marks)
  - Left peri-orbital swelling
  - Failed upwards gaze

## Question 2

- A 28 year old man complained of headache after he was punched by others in boxing game. No history of LOC or vomiting reported. Physical examination did not show any abnormality.
- Plain CT brain was taken.

# Question 2



# Question 2

- What are the high risk factors for head injury? (3 marks)
  - High Risk History
    - History of LOC
    - Amnesia
    - Vomiting
    - History of anticoagulant or coagulopathy
    - Seizure
  - High Risk Physical Findings
    - Focal neurological finding
    - Asymmetrical pupils
    - Distracting injury
    - Intoxication
    - Signs of skull fracture



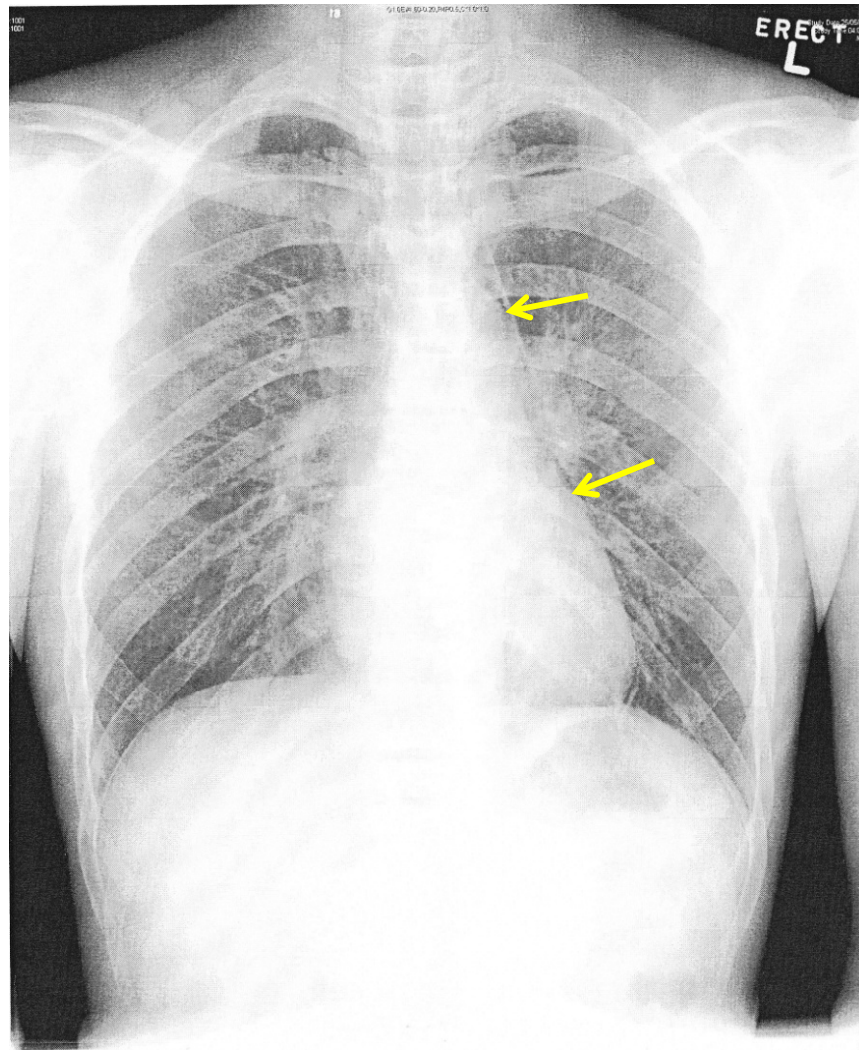
# Question 2

- Comment on the CT scan
  - Acute subdural hemorrhage at high left fronto-parietal region with parafalcine extension.
  - No significant midline shift.

# Question 3

- A 29 year old year old man complained of chest pain after ketamine inhalation.
- Chest X-ray was taken. (Fig. 3)

# Question 3



# Question 3

- Describe the X-ray finding (1 mark)
  - Rim of hypodense shadow tracked along the left side of mediastinum
- What is the diagnosis? (1 mark)
  - Pneumomediastinum

# Question 3

- Name three other possible causes for this condition (3 marks)
  - Esophageal trauma
  - Mechanical ventilation
  - Asthmatic attack
  - Severe vomiting

# Question 4

- A 50 year old man complained of palpitation. On arrival, his BP was 138/78mmHg, pulse: 200/min.
- ECG was taken. (Fig. 4)

# Question 4

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NORTH DISTRICT HOSPITAL AED NO. 183078

(A&E)

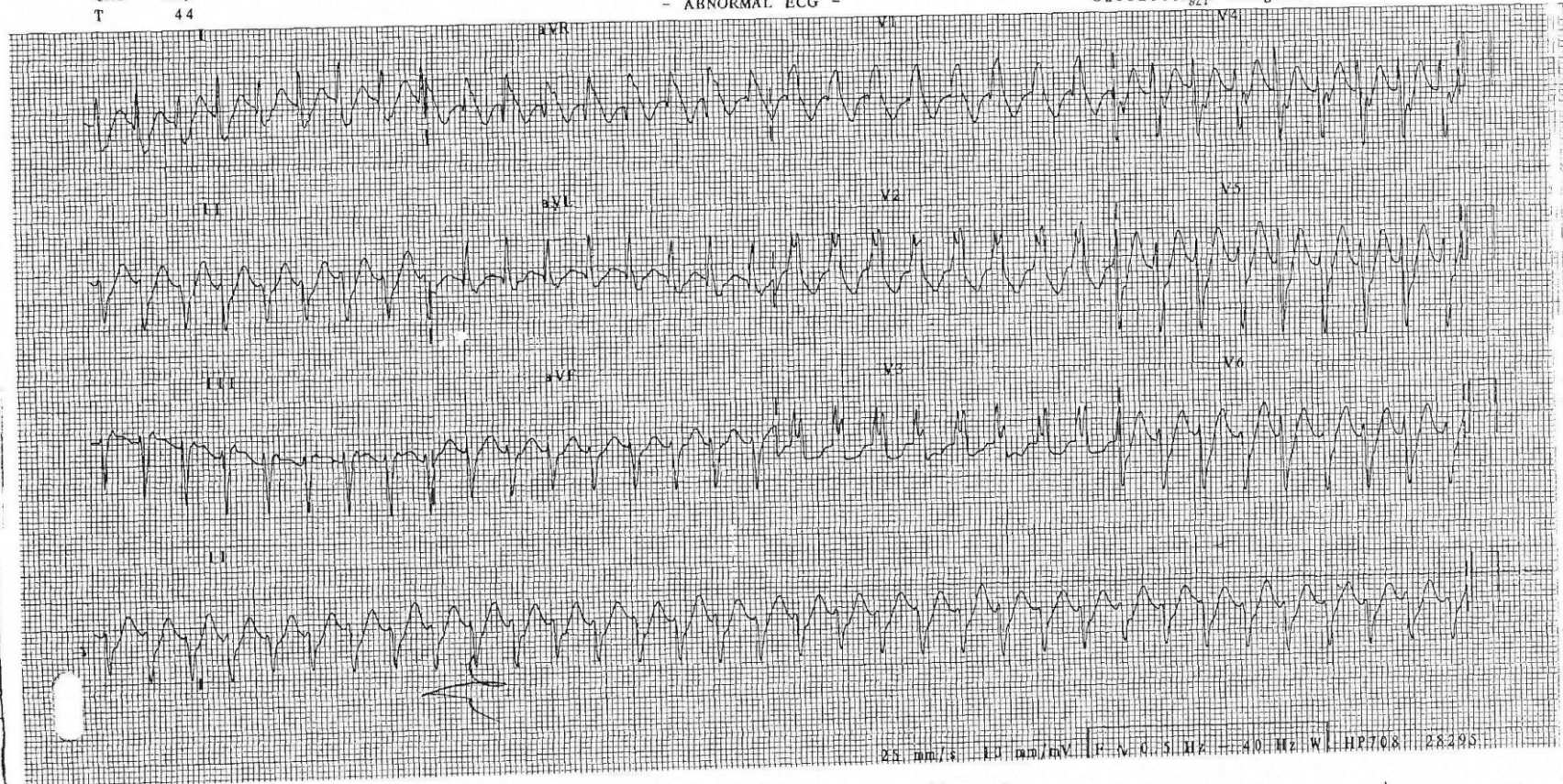
Rate	199
PR	0
QRSD	133
QT	251
QTc	457

--Axis--

P	
QRS	236
T	44

- ABNORMAL ECG -

Unconfirmed diagnosis.



# Question 4

- Describe the ECG finding. (3 marks)
  - No P wave
  - Wide complex tachycardia
  - LAD
  - RBBB



# Question 4

- What is the diagnosis? (1 mark)
  - Fascicular VT
- What is the treatment of choice (1 mark)
  - Isoptin