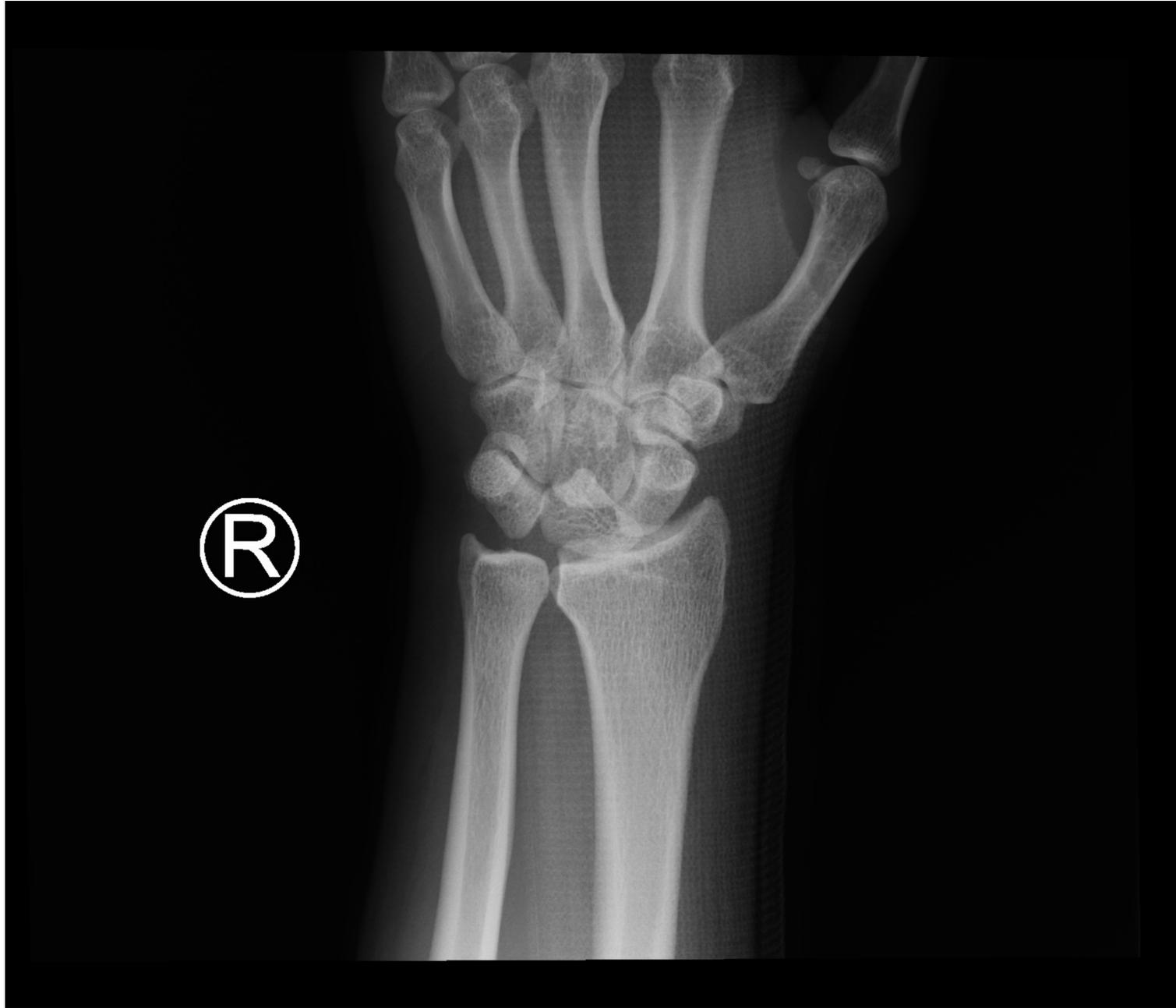


JCM 3/2026

OSCE

Union Hospital

Case 1



35 yr old male fell on an outstretched hand during sports with right wrist pain.

1a. Interpret the Xray findings?

1b. What is the most likely diagnosis?

1c. What is the most common mechanism of injury?

1d. What is the management for the patient?

1e. Give 3 potential complications if untreated

Case 2

- **3 year old child fell while playing in playground with head injury**
- **No loss of consciousness**
- **No vomiting**
- **Continued to play then back home**

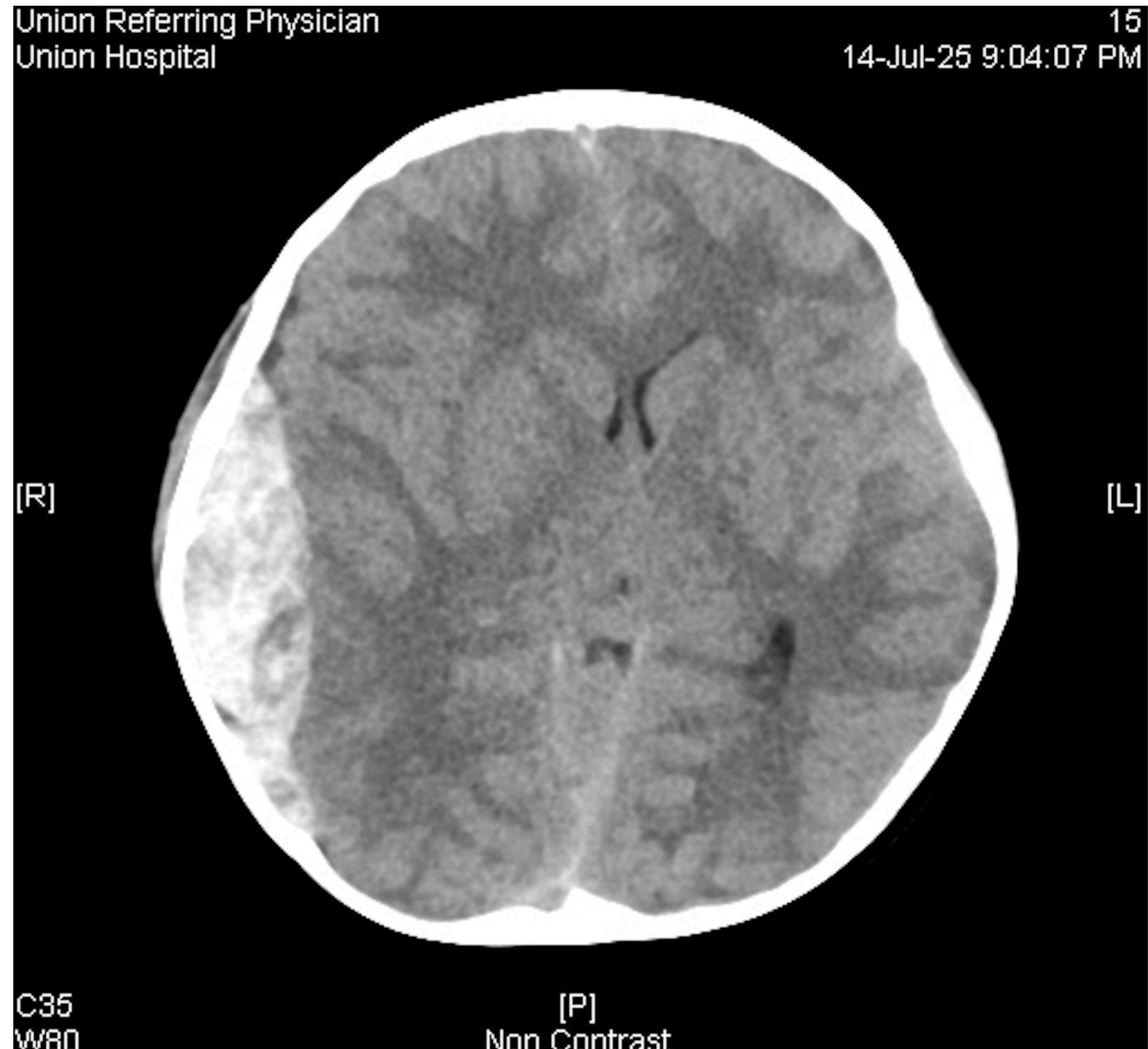
4 hours later...

- **Became drowsy and started to vomit more than 4 times**
- **Mother took the child to hospital**
- **P/E**
 - **GCS 6/15**
 - **Pupils: R 5 mm sluggish to light, L 4mm reactive to light**
 - **R side scalp hematoma**
 - **Hemodynamically and oxygen saturation normal**

Case 2

- **2a. What is the most worrisome clinical syndrome and the nerve compromised?**
- **2b. What is the urgent intervention needed?**

2c. What are the CT brain findings



Case 2

- **2d. The child needs to be transferred to another hospital for neurosurgery and paediatric ICU support. What is the condition most concerned? What medication is needed before transfer?**
- **2e. What is the definitive treatment needed?**

Case 3

- **9-year old girl accidentally broke thermometer while eating congee at home**
- **She noticed something spilled into the congee; she removed the visible “dirt” and continued to eat**
- **There was no abdominal pain and no vomiting.**
- **Her parents brought her to the hospital and Xray was done.**



Case 3

- **3a Interpret the abdominal X-ray findings in this child. What is the culprit?**
- **3b. Describe the different forms of the culprit and identify which type poses acute life-threatening complication in pediatric exposure?**

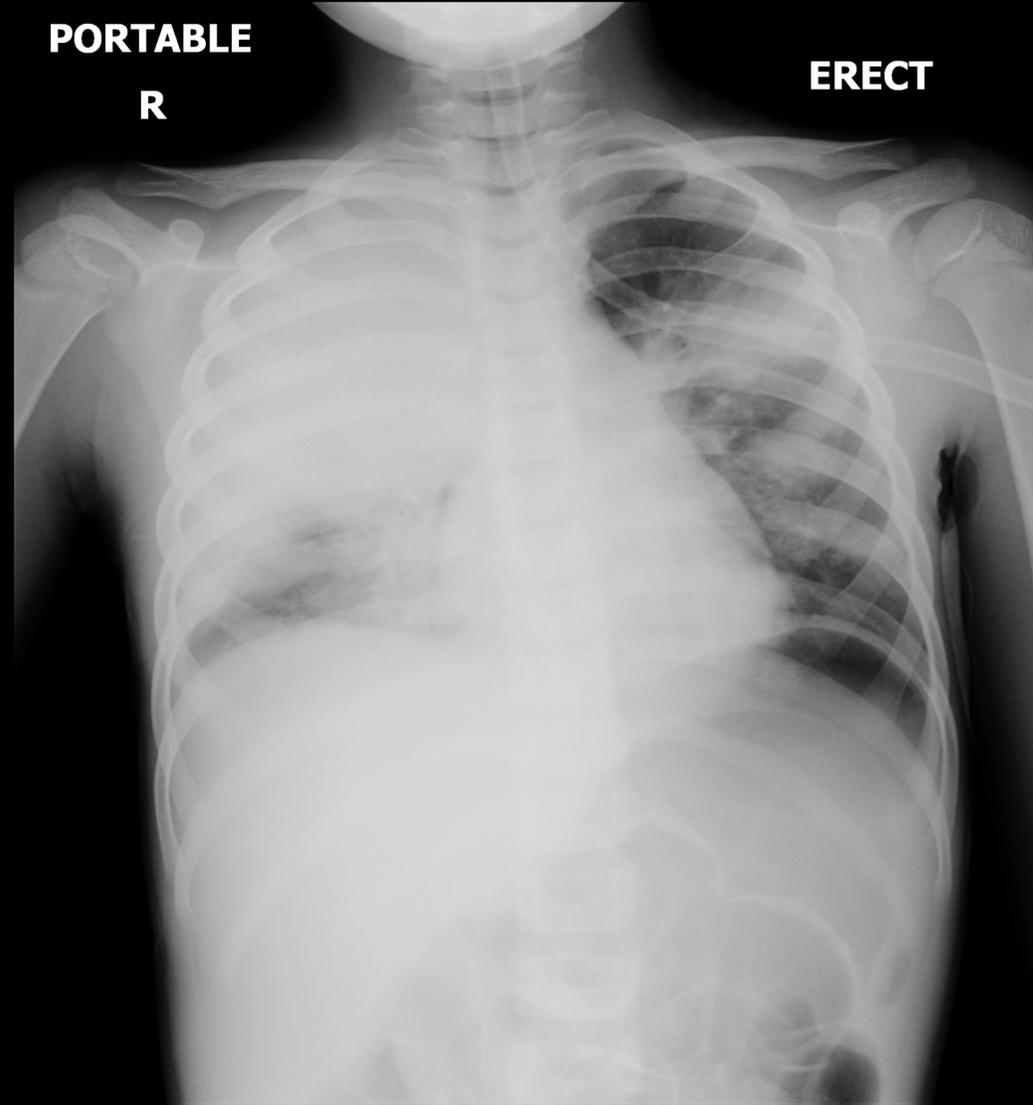
- **3c. Outline management strategies for this asymptomatic child.**
- **3d. What is the management if the culprit is spilled on the ground?**
- **3e. What needs to be done before discharging the girl?**

Case 4

- **8 year old girl complained of fever, cough for 4 days**
- **She had been seen by GP for 2 times and treated as URI**
- **Her symptoms worsened rapidly on the day of presentation**
- **Very poor oral intake, malaise+**
- **P/E**
 - **lethargic+ mild cyanosis**
 - **Bedside SpO2 78% with RA, to 100% with 6L oxygen**
 - **Lung crep+ over R lung**
 - **CXR shown below**

PORTABLE
R

ERECT



4a. What is your diagnosis?

4b. What is the most likely causative organism? Name 2 other possible pathogens.

4c. After stabilisation, what will be the empirical treatment for life-saving?

4d. Identify the most lethal subtype and its complications

4e. What are the current vaccinations for the disease in HK?

Case 5

44 year old man with history of DM complained of left foot pain after repeated minor injury.

5a. What are the differential diagnoses based on this photo?



5b. Describe the Xray findings?

5c. What is the likely diagnosis?



- **5d. What is the name of classification for the condition**
- **5e. List 3 factors causing this disease**
- **5f. Outline the immediate management in AED**