



Management for Anterior Mediastinal Hematoma and Bleeding

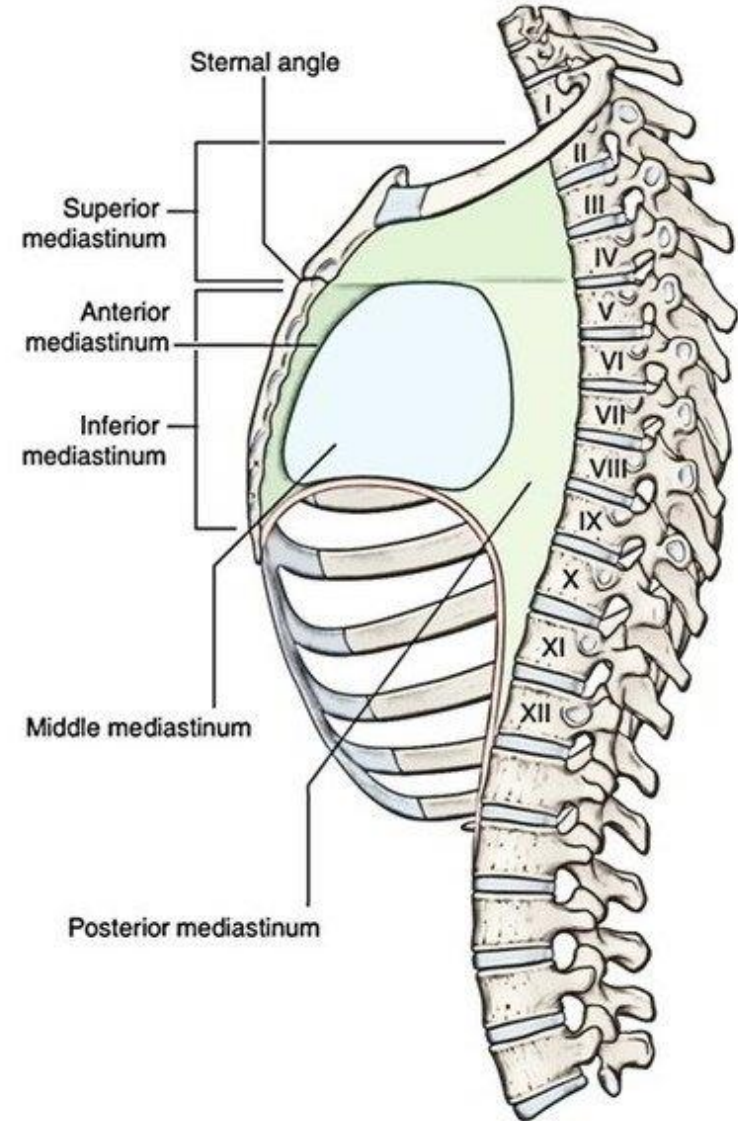
울산대학교병원

외상센터

이찬규

Anatomy

- Anterior borders : Body of the sternum and the transversus thoracic muscles.
- Posterior borders : Pericardium.
- Lateral borders : Mediastinal pleura.
- Roof : Continuous with the superior mediastinum at the level of the sternal angle
- Floor : Diaphragm
- Structure : thymus, internal thoracic vessels br., lymphatics, Sternopericardial ligament.

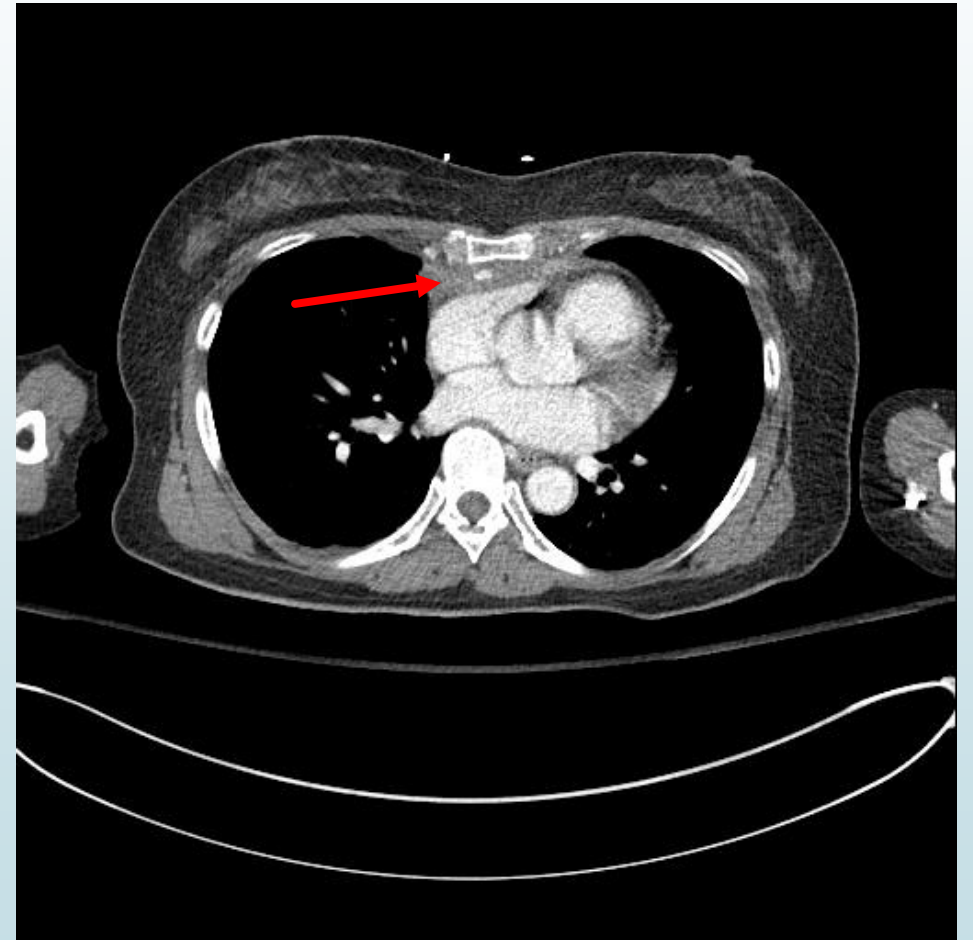
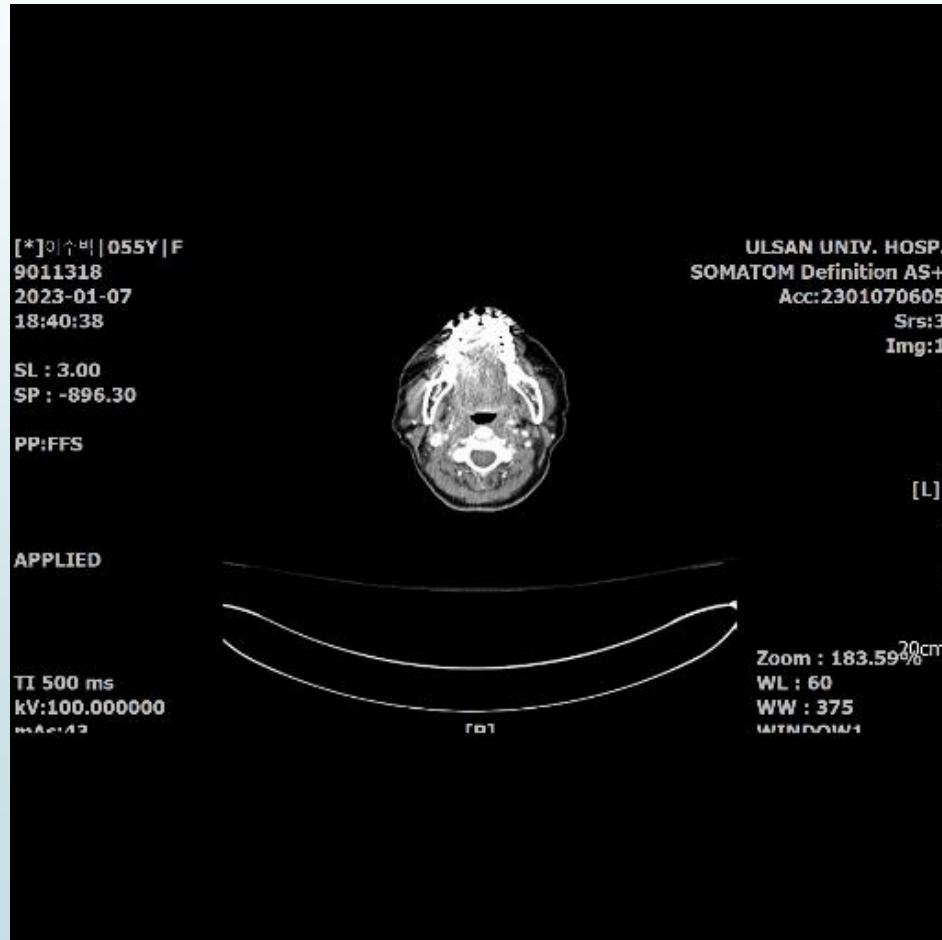


CASE #1

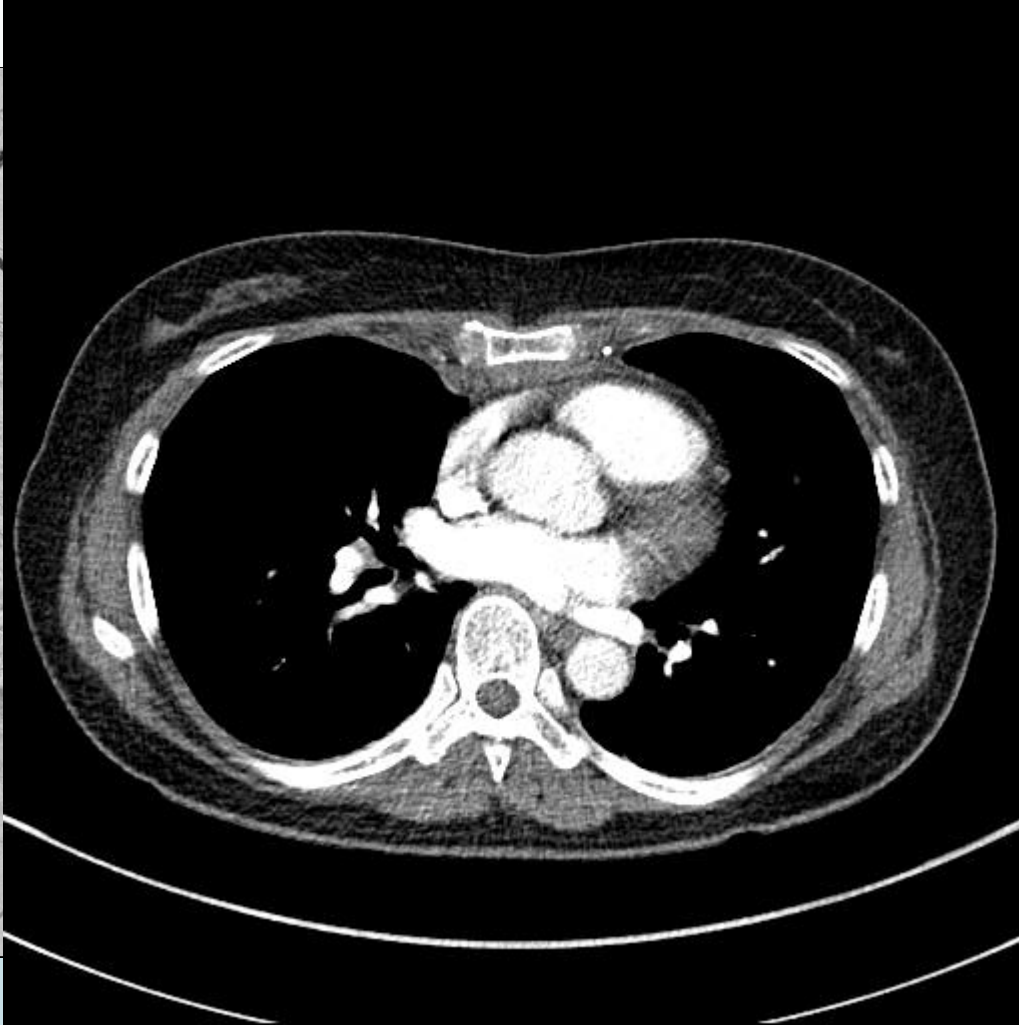
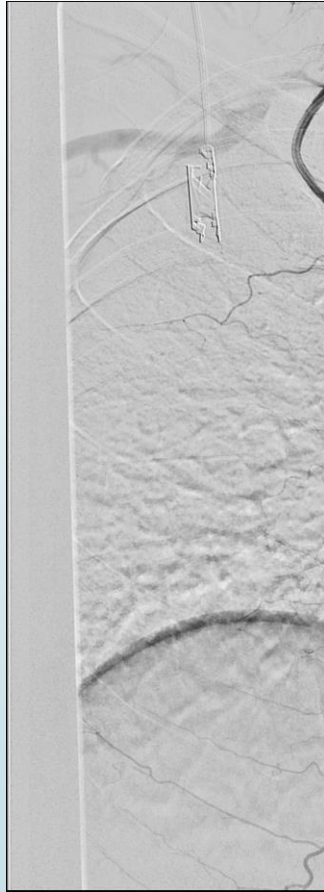
- ▶ 55/M
- ▶ Mechanism : driver TA
- ▶ Mental Status : Alert
- ▶ Vital sign : Stable
- ▶ P/Hx : HTN, tinnitus, Cbr aneurysm
- ▶ Dx : Sternum Fx., Injury of RIMA Br.



CASE #1

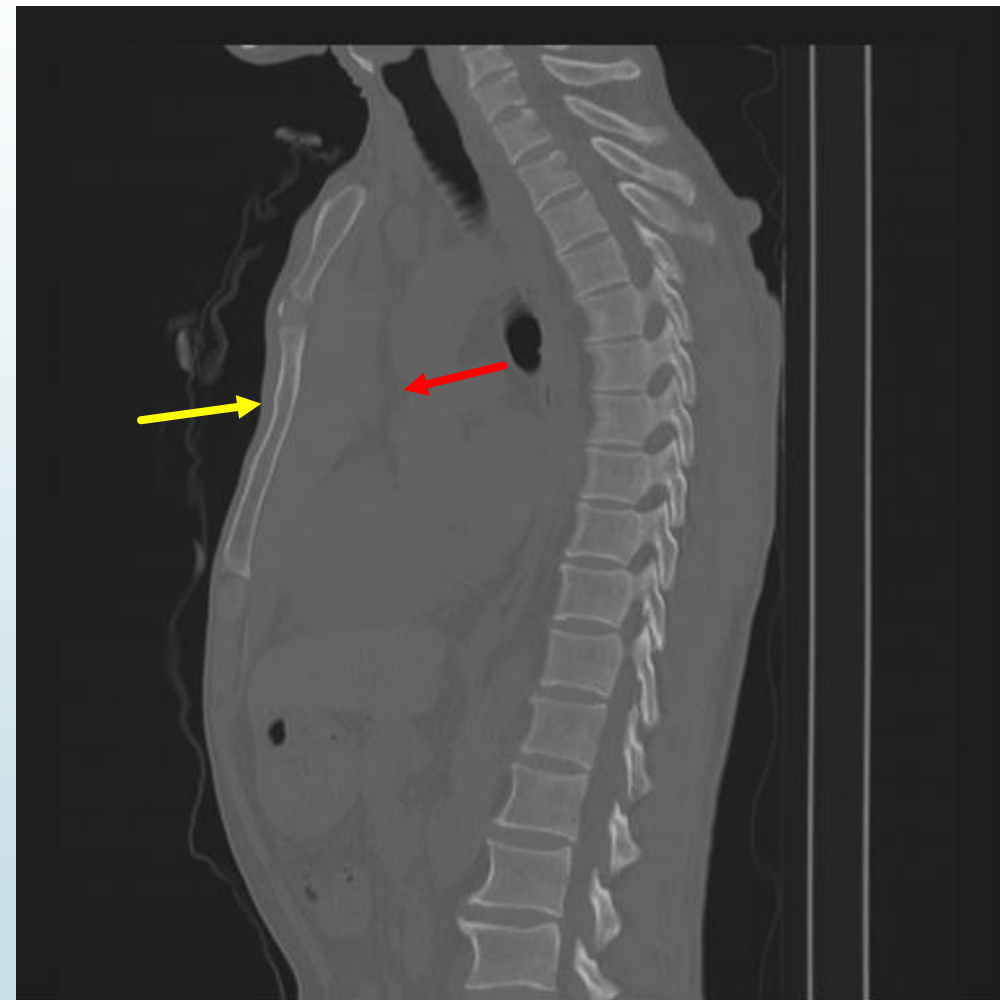


CASE #1



CASE #2

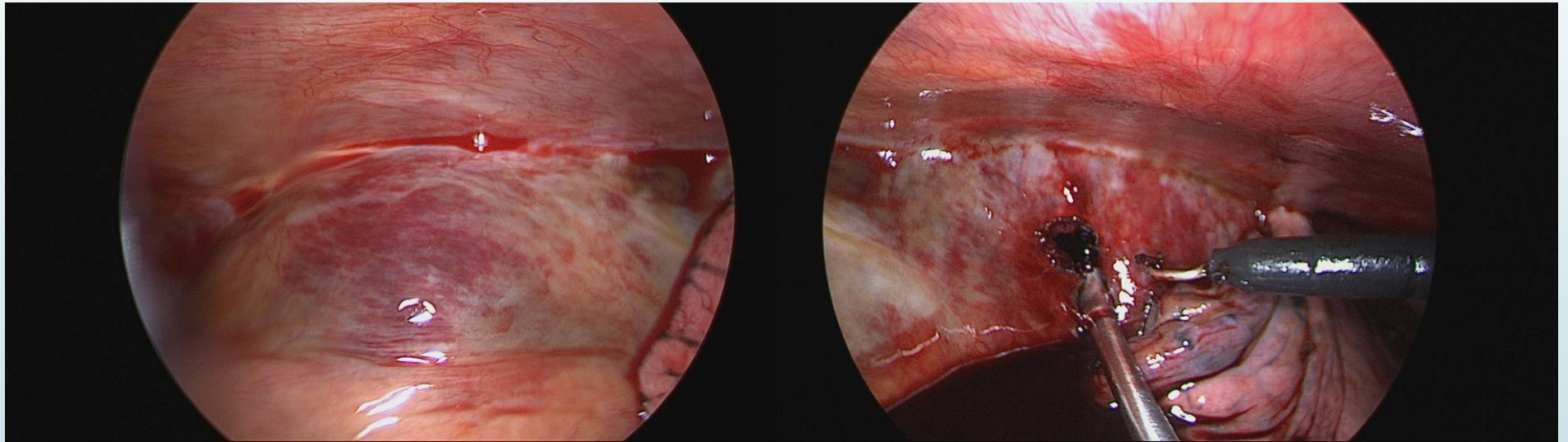
- ▶ 52/M
- ▶ Mechanism : 3m fall down
- ▶ Mental Status : Alert
- ▶ Vital sign : Stable
- ▶ P/Hx : none
- ▶ Sx : Chest pain, Dyspnea
- ▶ Dx : Sternum Fx., Retrosternal hematoma



CASE #2

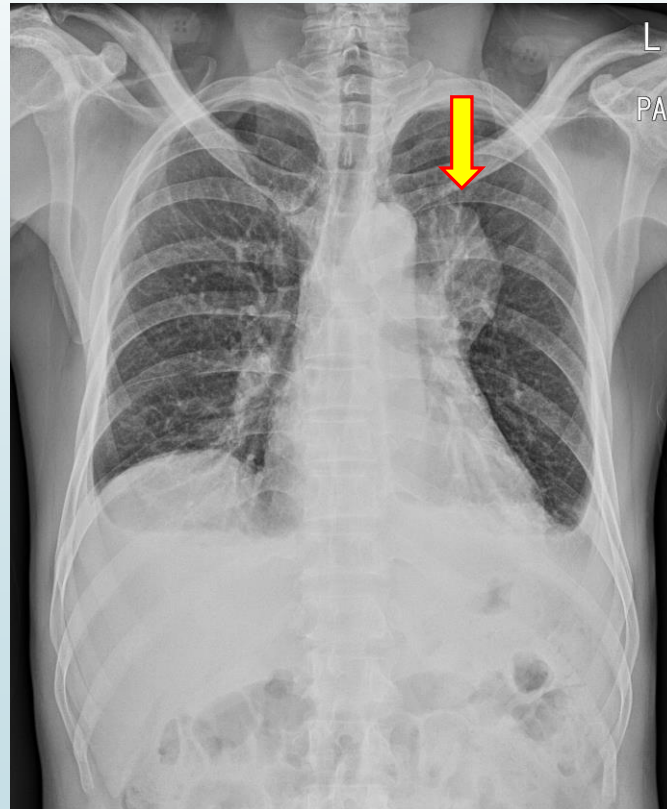


CASE #2

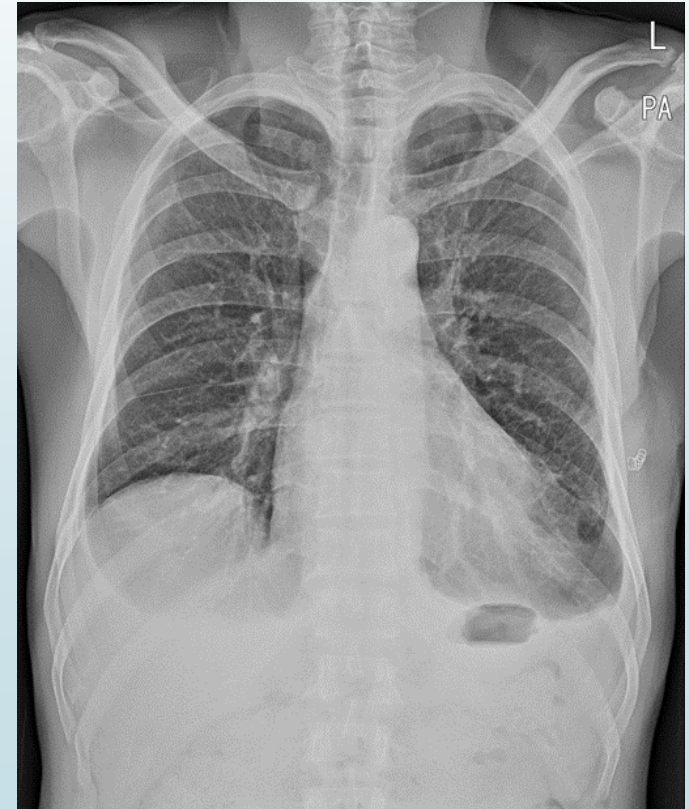


CASE #2

HD #1

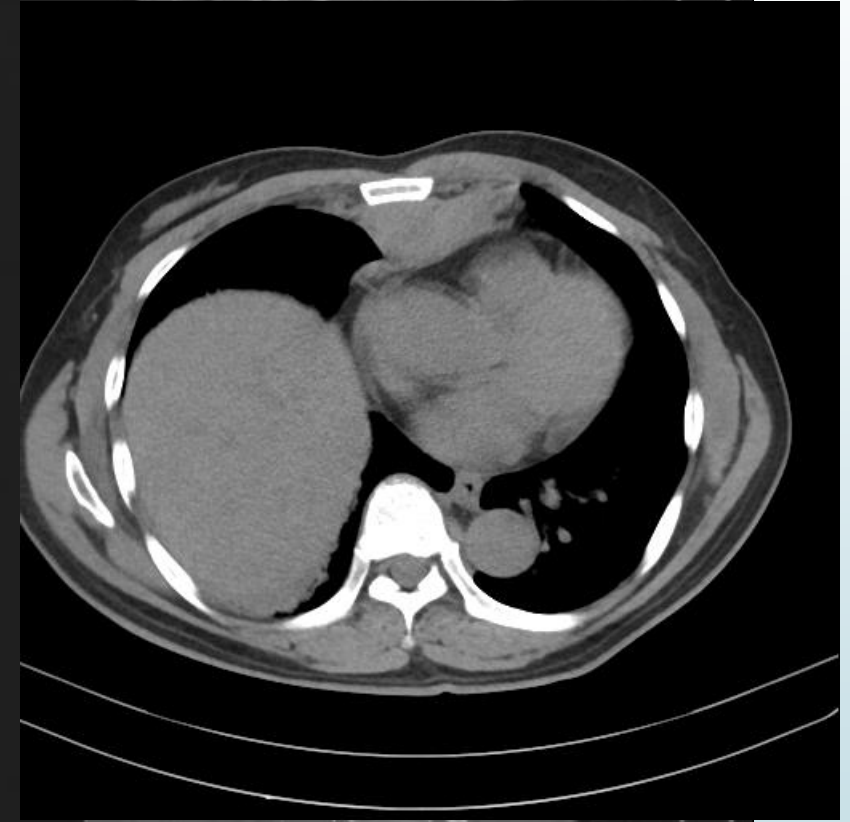


POD #5(HD#6)



CASE #3

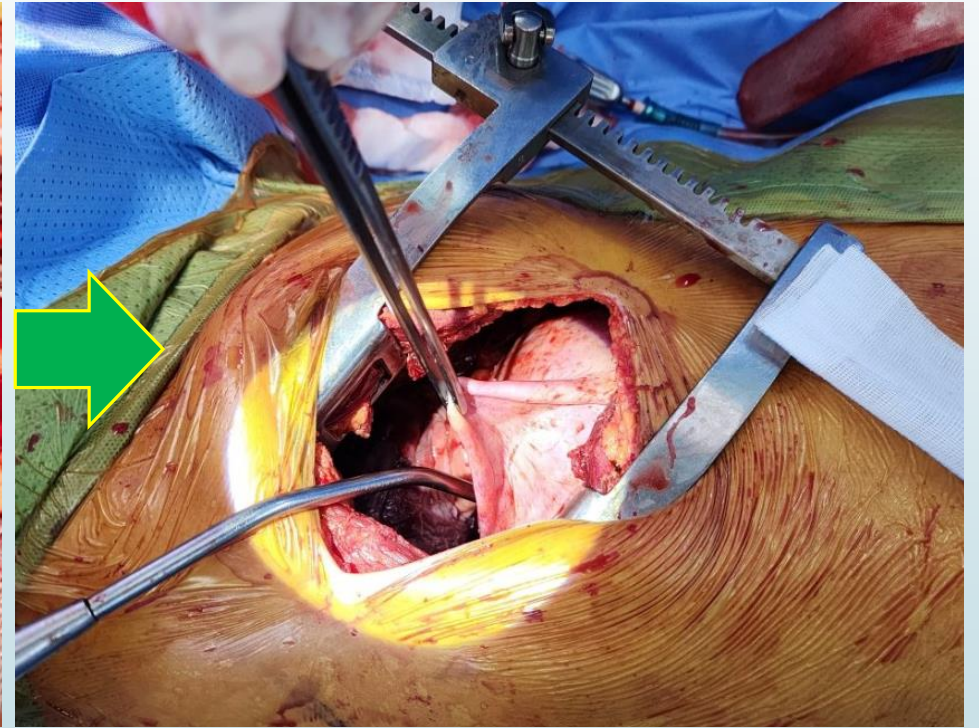
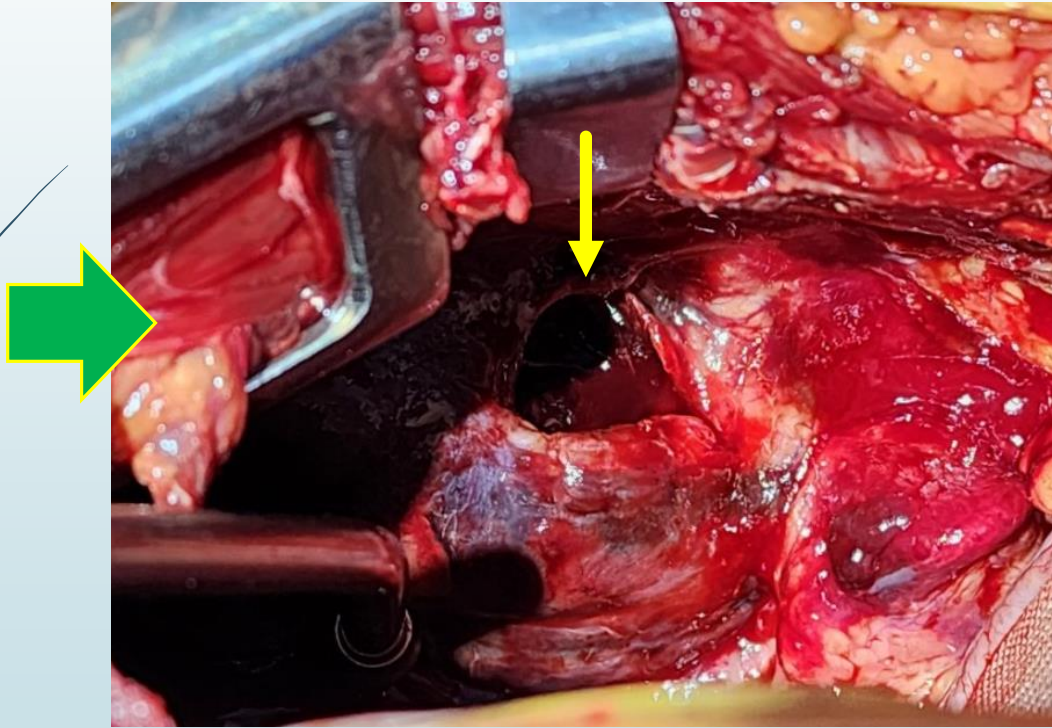
- ▶ 67/M
- ▶ Mechanism : passenger TA
- ▶ Mental Status : Alert
- ▶ Vital sign : Stable
- ▶ P/Hx : HTN,DM, CVA, hypothyroidism, hyperlipidemia, BPH
- ▶ Sx : Chest pain, Dyspnea
- ▶ Dx : Sternum Fx., Retrosternal hematoma, Rt tension Hemothorax, R/O Diaphragm rupture



CASE #3

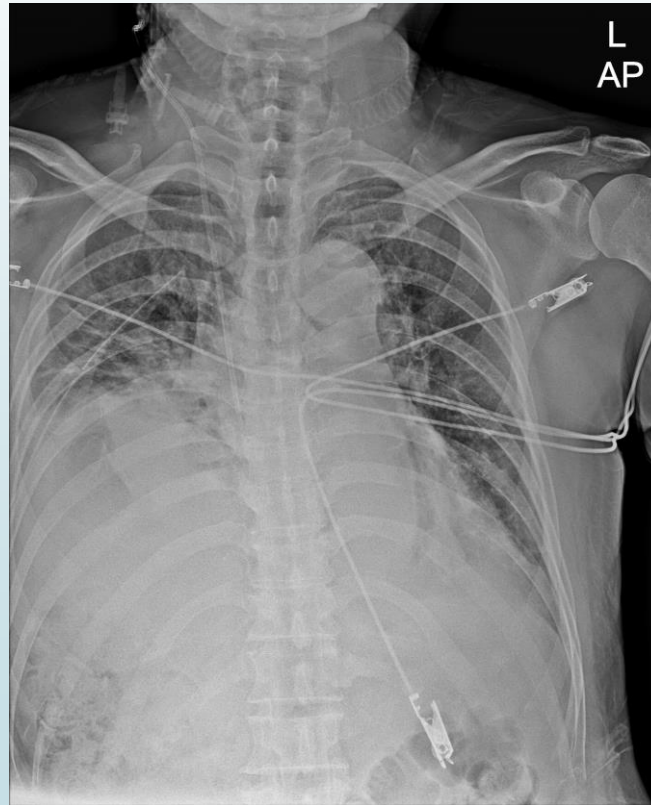


CASE #3



CASE #3

HD #3

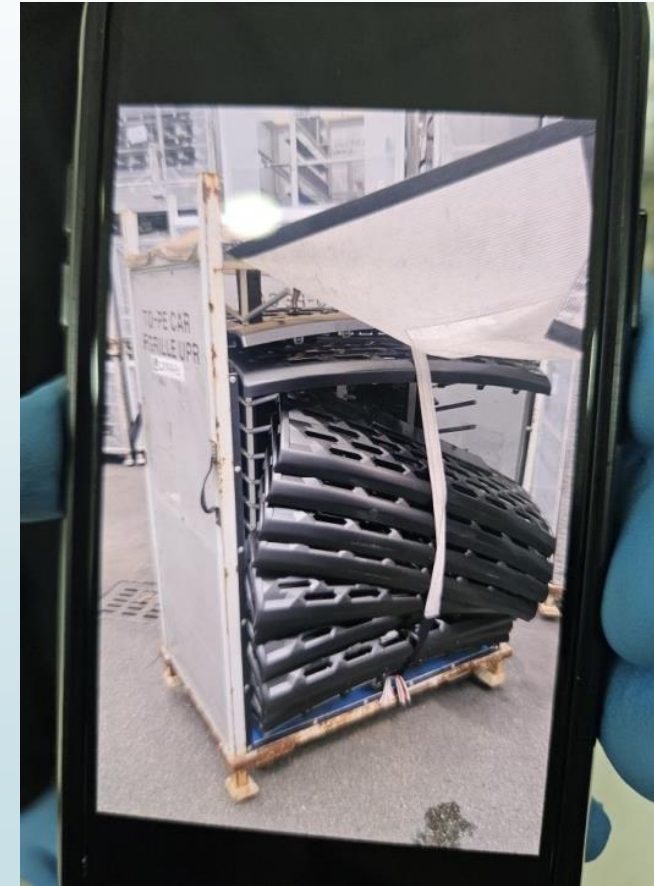


HD #21(POD #18)

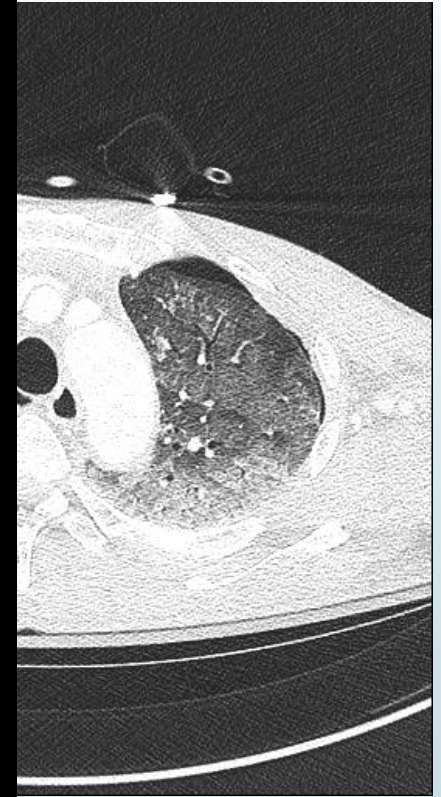
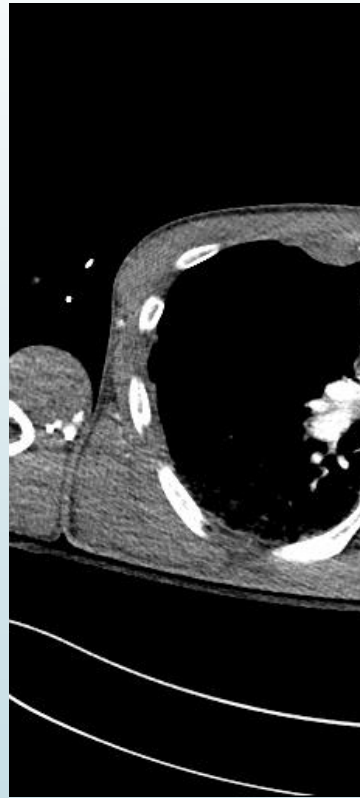


CASE #4

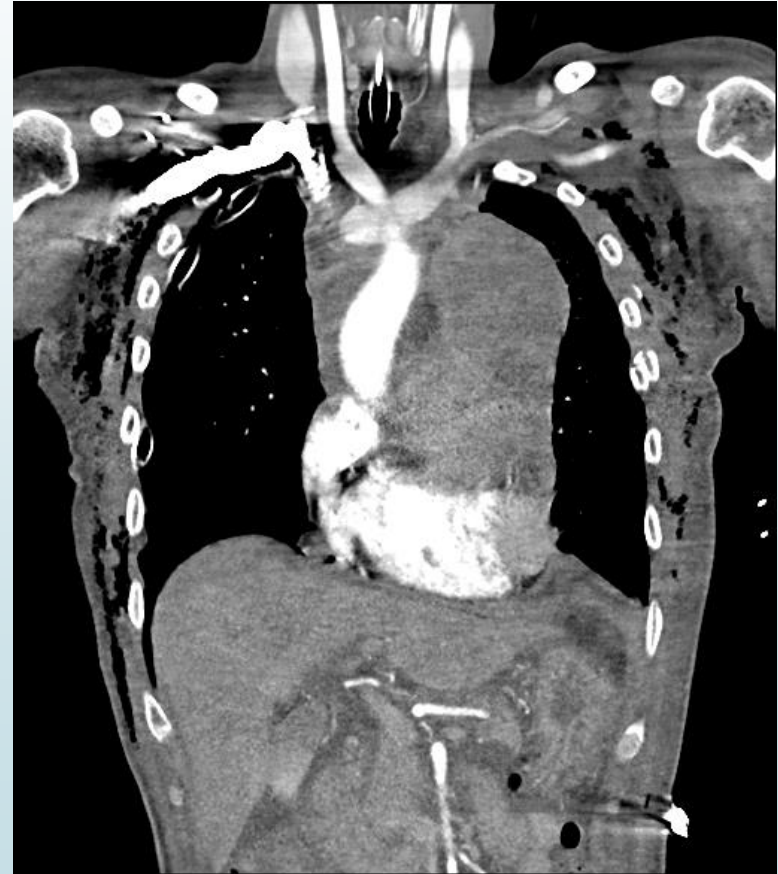
- ▶ 60/M
- ▶ Mechanism : 무거운 물체에 깔림.
- ▶ Mental Status : Drowsy
- ▶ Vital sign : unstable
- ▶ P/Ex : Paradoxical movement
- ▶ P/Hx : facial palsy
- ▶ Dx : Flail Chest, MRF. both, Sternum Fx., Injury of LIMA, Traumatic Hemopneumothorax Both, Skull Fx., T-SDH, C4 SP Fx., Both lateral malleolar Fx.



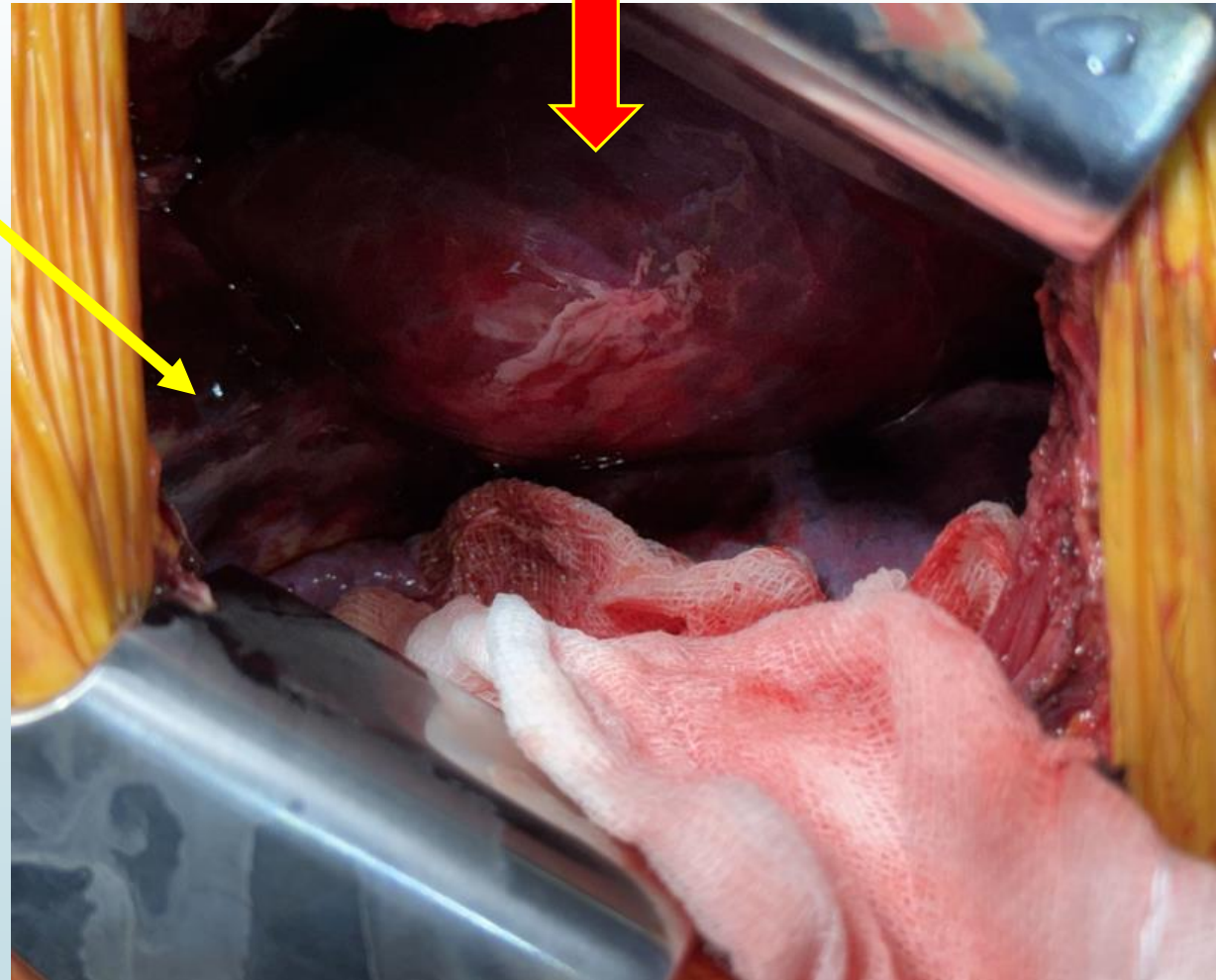
CASE #4



CASE #4

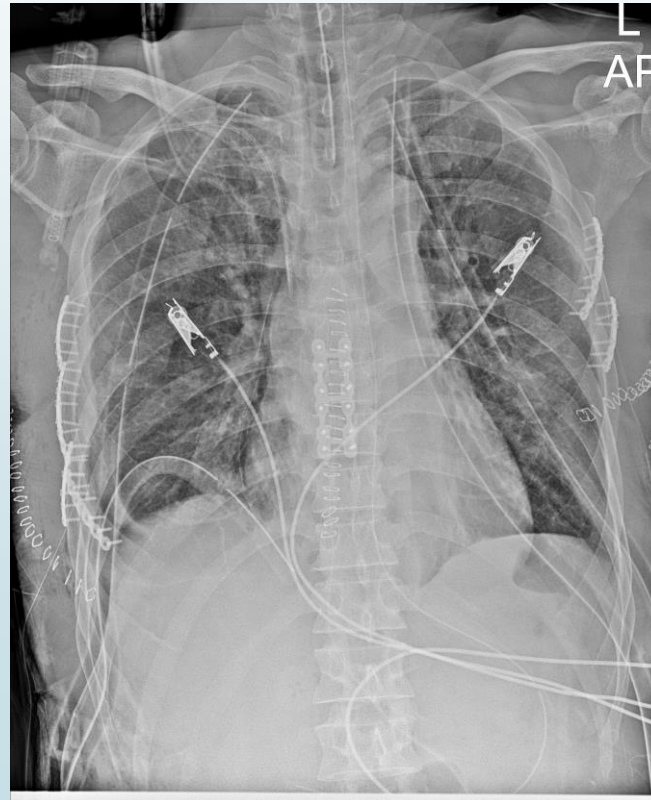


CASE #4



CASE #4

POD #1



POD #14



Summary

- ▶ Management
 - ▶ Observation
 - ▶ Intervention
 - ▶ Surgical treatment



경청해 주셔 감사합니다.