

Cerebral Fat Embolism Syndrome :

Case Report and Literature Review

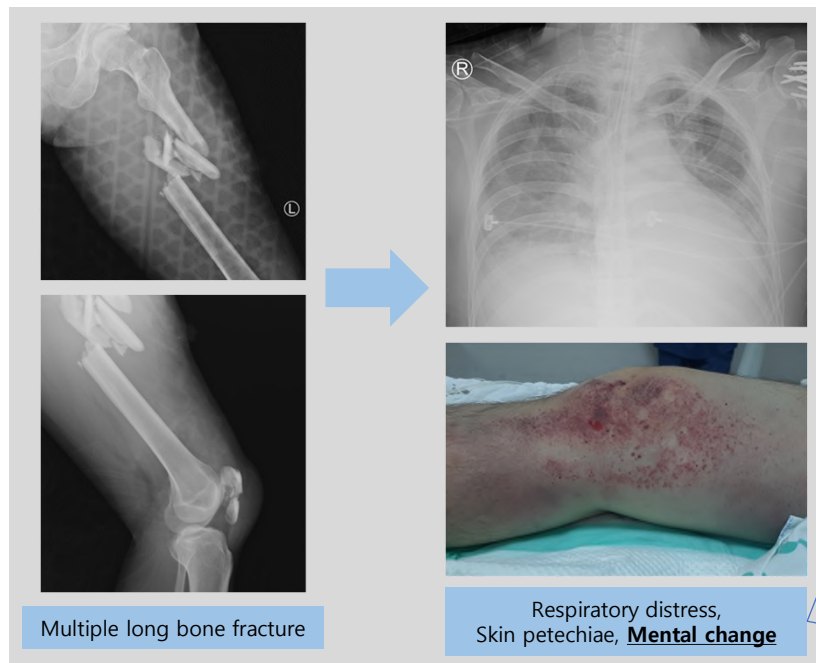


Hyun Jin Yoo, Namkyu You

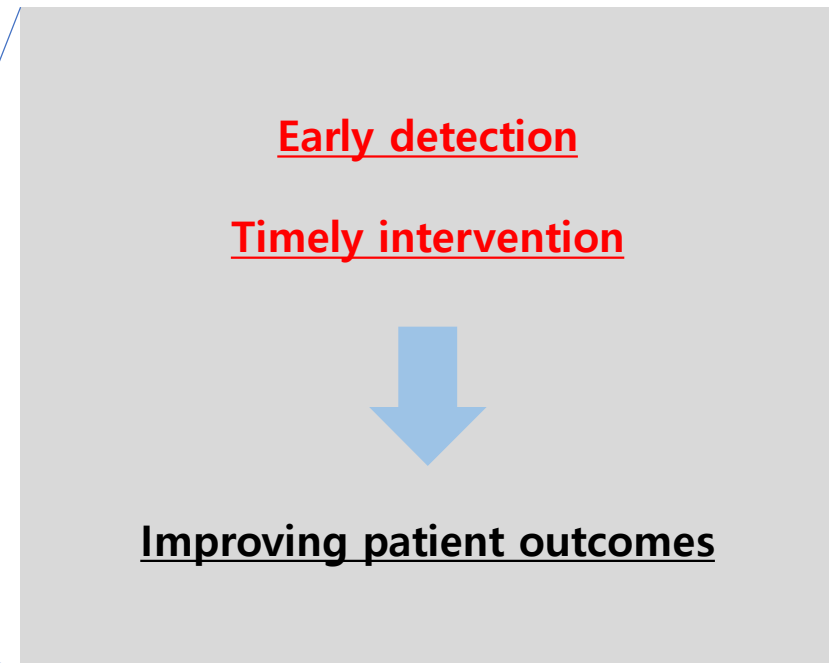
Department of Neurosurgery
Aju University Hospital

Introduction

Fat embolism syndrome



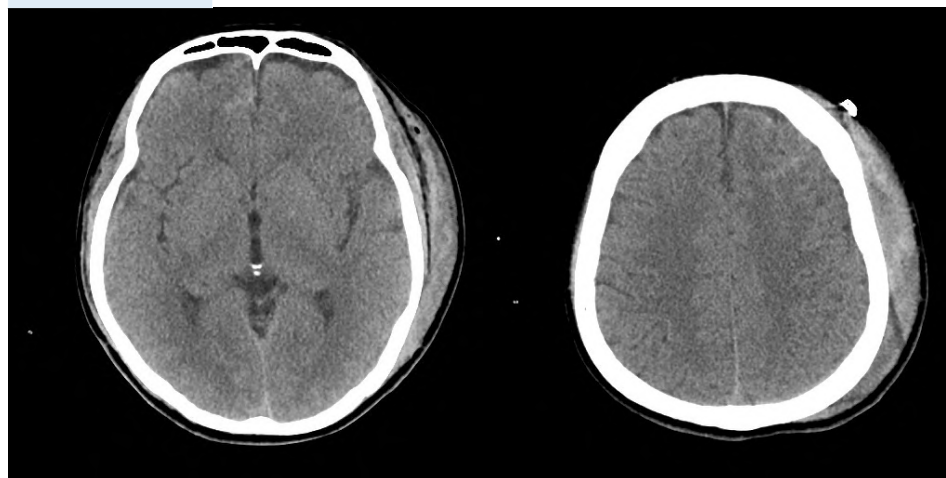
Cerebral fat embolism syndrome

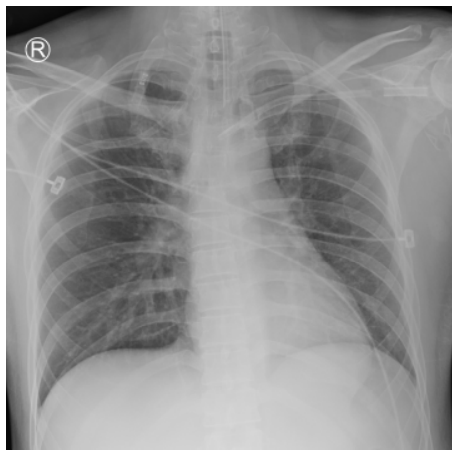


Case 1

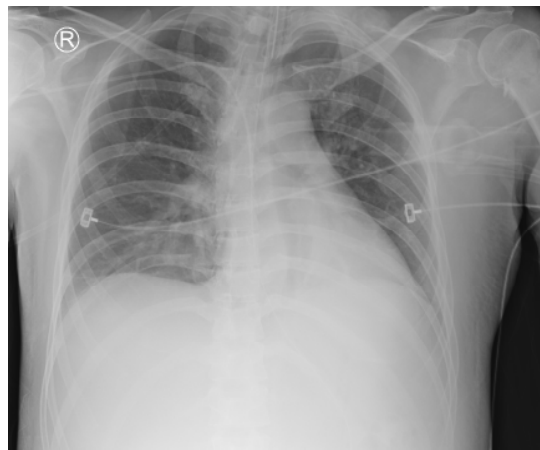
- 36/M
- 4M fall down
- Initial GCS 3/5/5
- Pupil 3n/3n

Initial CT

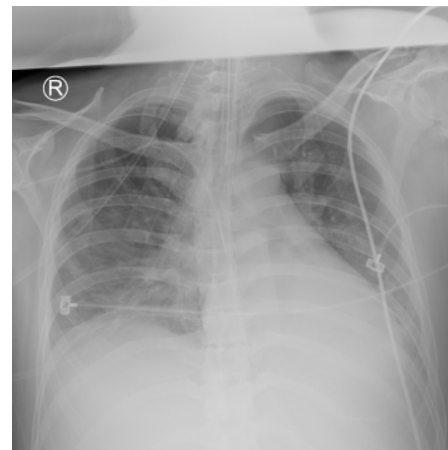




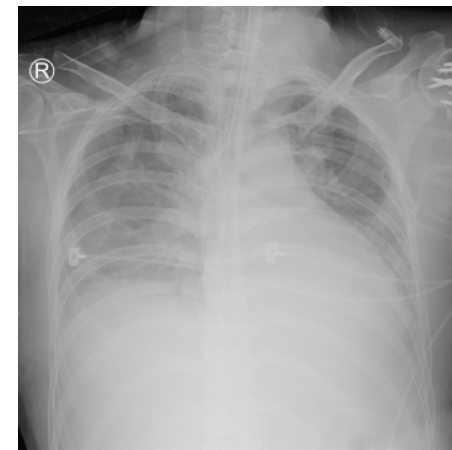
HOD #1



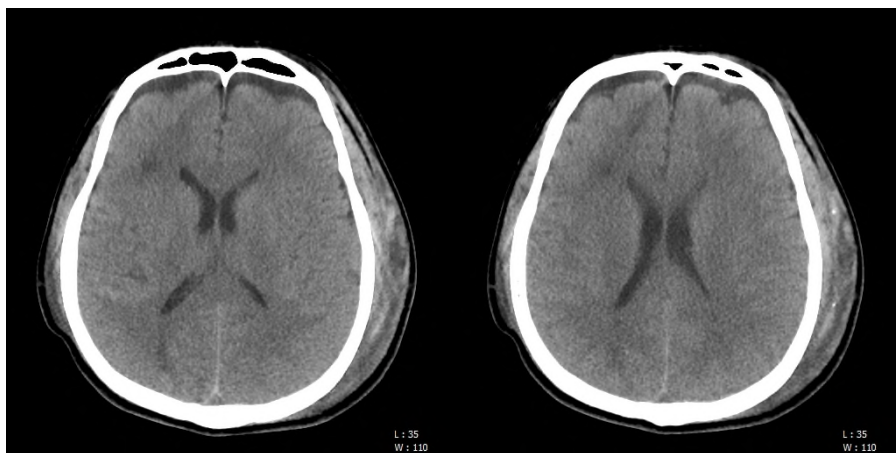
HOD #5



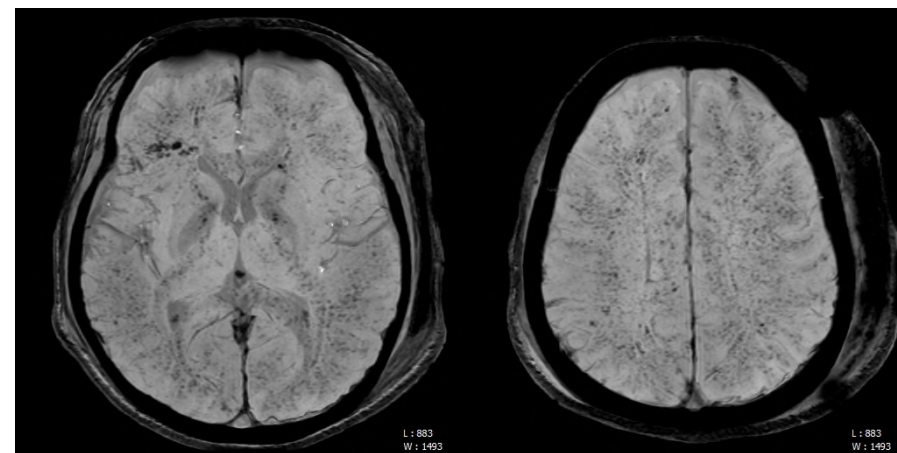
HOD #7



HOD #9



HOD #7



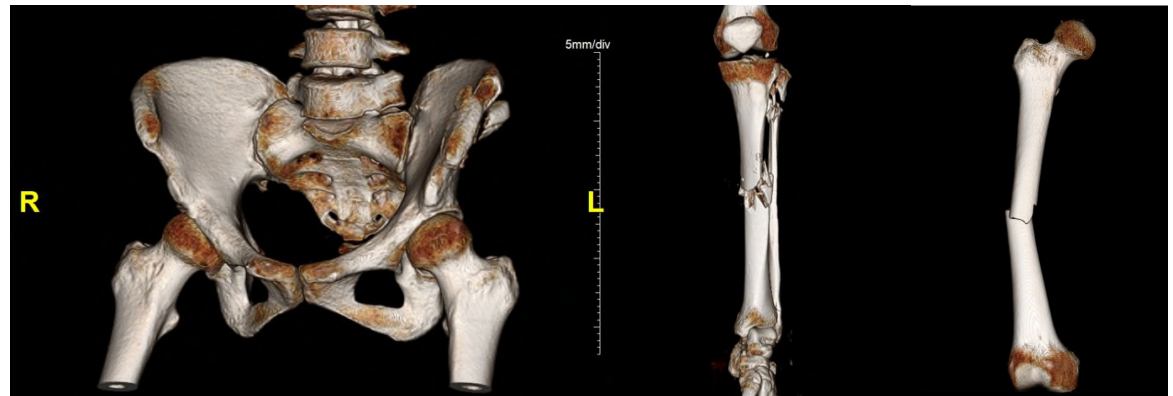
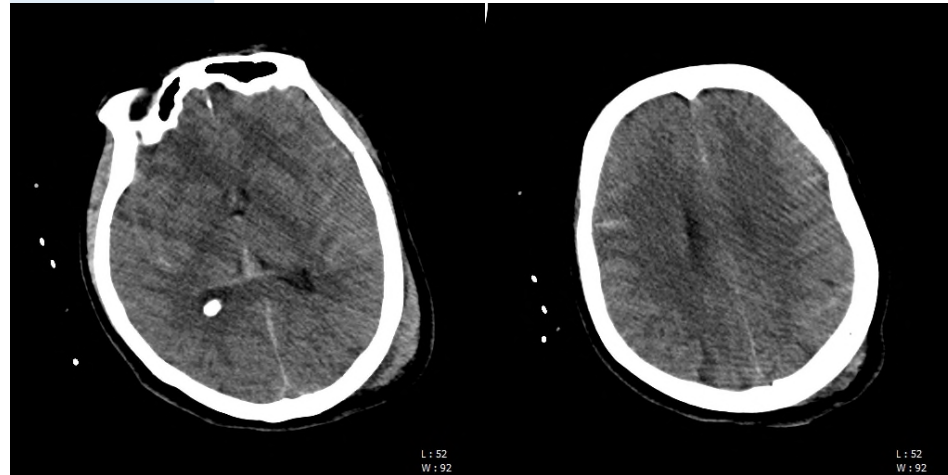
HOD #9

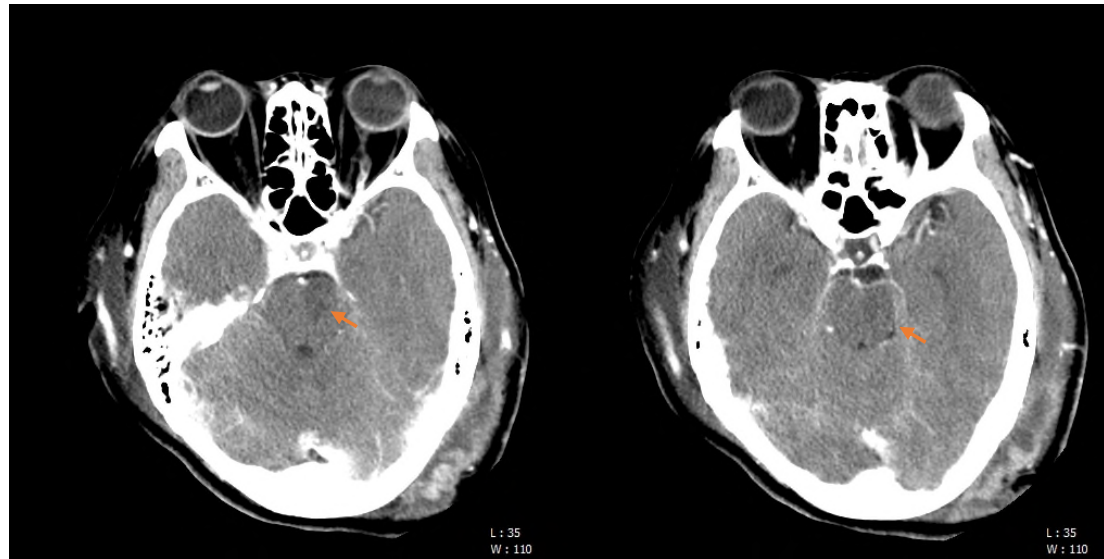
After 6 months after the injury, the patient's consciousness improved significantly

Case 2

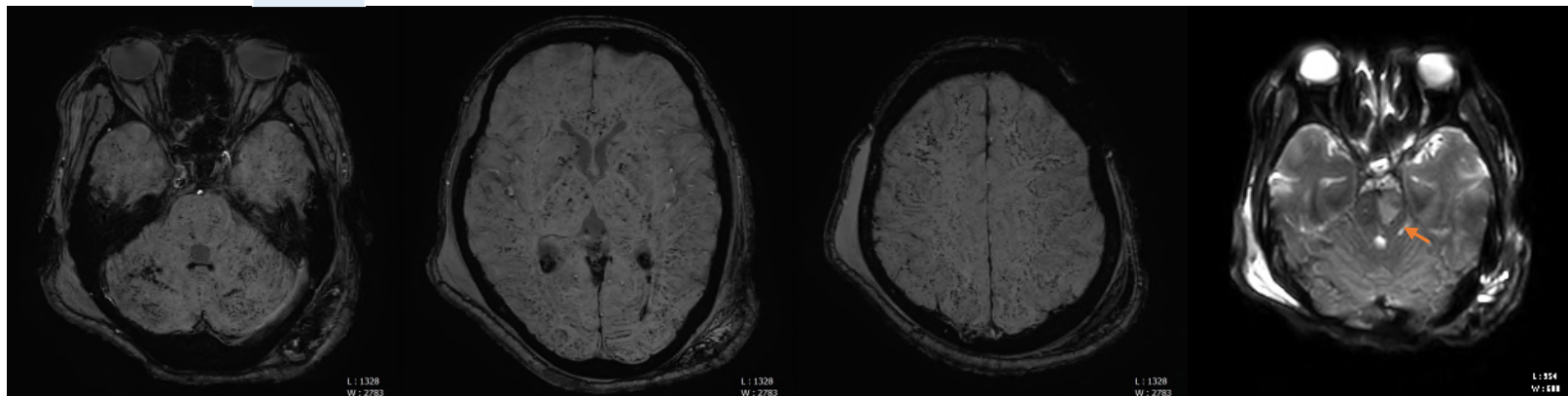
- 46/F
- Train accident 7 days ago
- Initial GCS 2T
- Pupil 2n/2n

Initial CT





HOD #8

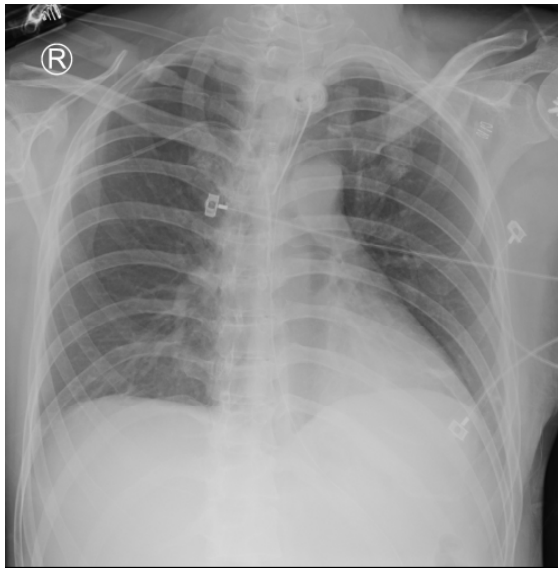


HOD #10

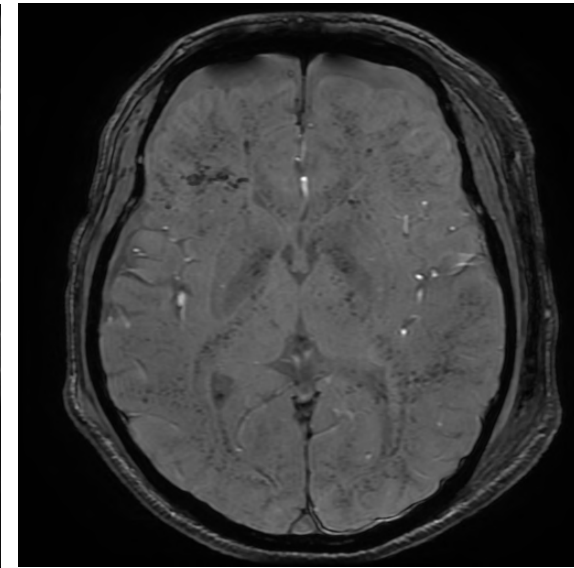
After 10 months after the injury, the patient's consciousness improved



Early fixation (within 7 days)



Early tracheostomy (within 14 days)



Early detection through MRI (within 10 days)



The significance of these cases lies in the possibility of expecting a favorable recovery of consciousness with appropriate supportive care if early detection and timely management are achieved.