

## A Case of the 10 days

### Case 355

An eighty-year-old male presented in our hospital for intermittent left shoulder pain continuing for approximately 6 months. The pain was gradually worsening since the beginning of this month. He was given patch but in vain. He came to our hospital for further investigation. He took thoracic spine MRI (Figs 1-4).

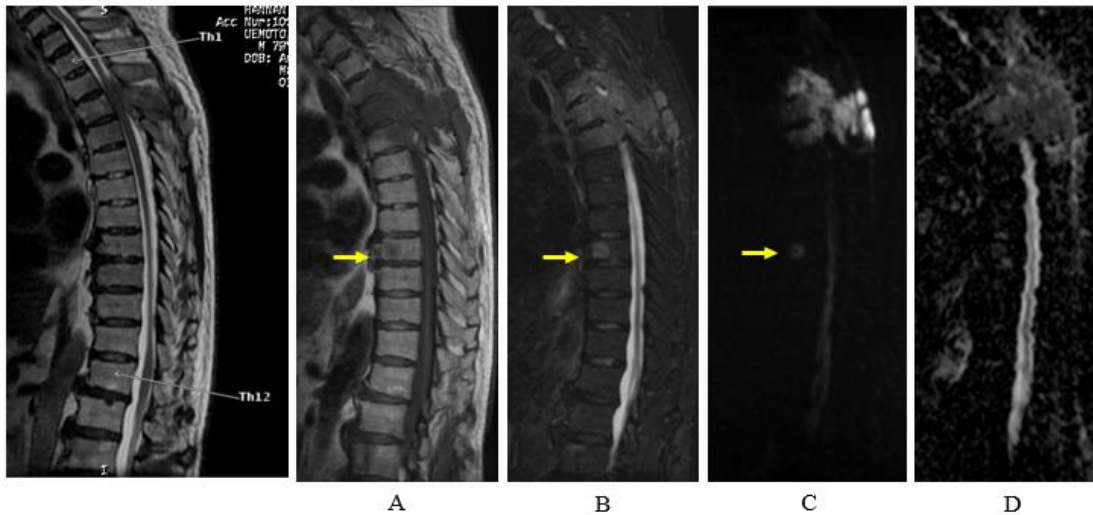


Fig.1 Space occupying lesion at Th2, Th3, and Th4 is depicted on T1WI (A), fat suppression T2WI (B), Diffusion WI (C), and ADC mapping image (D). Note another SOL at Th8 is depicted (arrow).

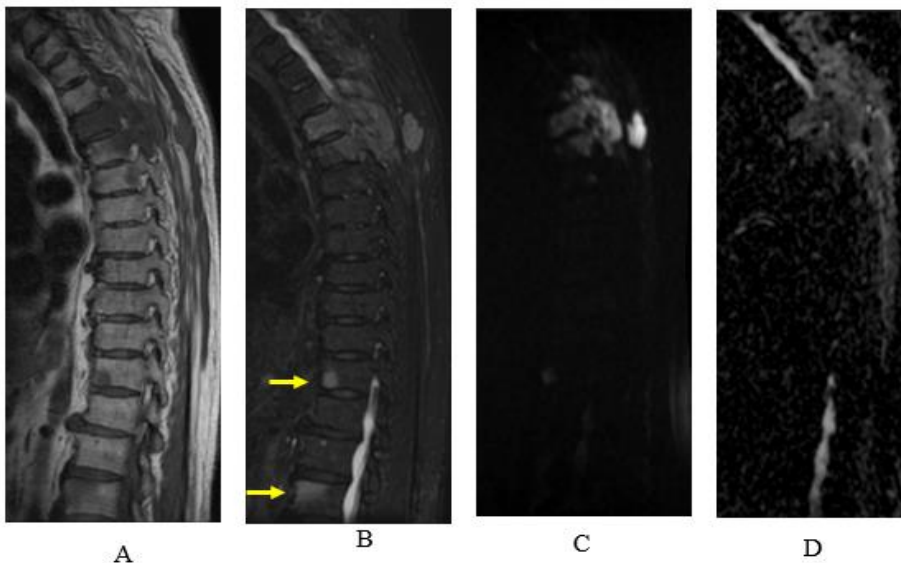


Fig.2 Space occupying lesion at Th3 is depicted on T2WI (A), fat suppression T2WI (B), Diffusion WI (C), and ADC mapping image (D). Note other SOLs at Th8 and L1 are depicted (arrow).

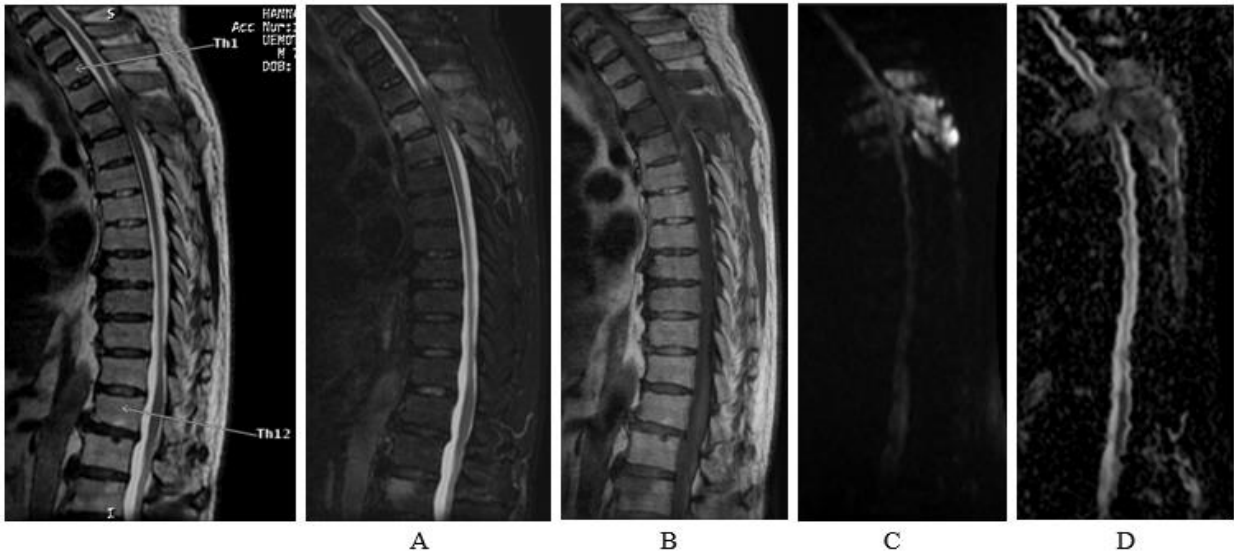


Fig.3 Space occupying lesion at Th3 is depicted on suppression T2WI (A), T1WI (B), Diffusion WI (C), and ADC mapping image (D). ADC = 0.734–0.994

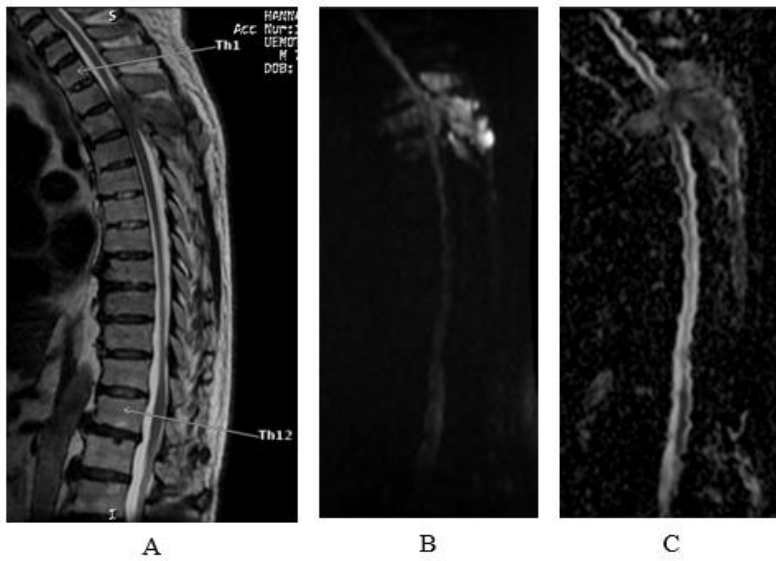


Fig.4 Space occupying lesion at Th3 is depicted on suppression T2WI (A), Diffusion WI (B), and ADC mapping image (C). Note SOL is expanded to spinous process of TH2, Th3, and TH4.

## What is possible imaging diagnosis?

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1. Fragile compression fracture
2. Pyogenic spondylitis
3. Degenerative spondylitis
4. Metastatic bone tumor

answer

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