

Medical Quiz

Medical quiz: images

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A 72-year-old man got admitted with insidious onset, non-radiating low back pain for 1 month. His pain used to exacerbate on movement and relieved by taking rest and pain-killers. There was no history of any precipitating trauma, accompanying night pain or morning stiffness, neither was any history of fever, weight loss or cough. He also had complaints of

increased frequency of micturition and increased thirst for the same duration. He was also constipated.

On examination, he was anaemic and dehydrated. There was tenderness over lumbar spines. Movement of spine was restricted in all directions due to pain. Systemic examinations revealed normal findings. He was investigated accordingly and x-ray lumbo-sacral spine and skull lateral view are here (Figure 1 & 2).



Figure 1. X-ray lumbo-sacral spine antero-posterior and lateral view



Figure 2. X-ray skull lateral view

Questions

1. What are the abnormal findings of x-ray lumbo-sacral spine and skull lateral view?
2. What is the likely diagnosis?
3. What further investigations you want to do to establish the diagnosis?

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