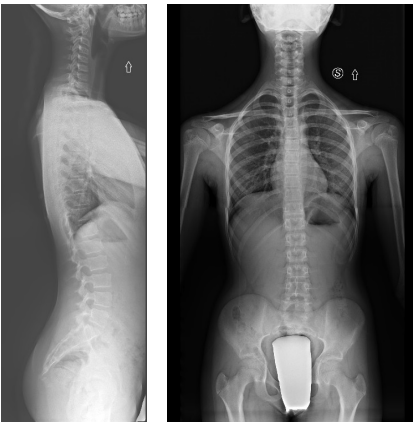


Paediatrics: Case 1 Cont.

Prompt

This is a 10-year-old male adolescent with lower back pain. Can you write a report according to his X-rays?



GPT-4V

X-Ray Report: Spine

Patient: 10-year-old male adolescent

Clinical Information: Presented with lower back pain.

Technique: Anteroposterior (AP) and lateral views of the lumbar spine were obtained.

Findings:

Alignment: The vertebral bodies are in anatomical alignment with no subluxation or listhesis observed.

Bone Density and Structure: Bone density appears normal for age. No fractures or lytic lesions are appreciated.

Intervertebral Disc Spaces: Disc spaces appear maintained. No significant disc space narrowing is evident.

Soft Tissues: Paraspinal soft tissues appear unremarkable.

Other Observations: No other significant abnormality noted in the visible portions of the thoracic and pelvic region.

Impression:

Normal alignment and structure of the lumbar spine for a 10-year-old male adolescent.

No radiographic evidence of fracture, spondylolisthesis, or other significant abnormality.

Reference answer

Modality: X-ray (paediatrics).

Diagnosis: Scheuermann's disease

Description: Vertebral wedging, subchondral osseous irregularity in the endplates, Schmorl's nodes and an asymptomatic thin cleft in the neural arch of the fifth lumbar vertebra. There's also hypoplasia of the left iliac bone and mild hypoplasia of the ipsilateral proximal femur.