Spine: Case 1

Prompt

What is the view of this image?



GPT-4V

The image you've provided appears to be an anteroposterior (AP) view of the pelvis. This is a common X-ray view used to visualize the hip joints and the pelvic bones. In this view, the X-ray beam is directed from the front (anterior) to the back (posterior) of the patient.

Reference answer

Frontal.

Prompt

Does this image show a normal hip joint?

GPT-4V

The image you've provided appears to be an X-ray of the pelvic region, showing the hip joints. Based on the image: The femoral heads appear to be well-rounded and fit into the acetabulum without any obvious signs of subluxation or dislocation.

The joint space, which is indicative of cartilage thickness, appears to be preserved without any obvious narrowing. No apparent fractures or significant bony abnormalities are visible.

Prompt

Please write a report for this image.

GPT-4V

Radiological Report Patient: [Patient Name]

Study: Anteroposterior (AP) view of the pelvis

Date: [Date of Study]

Findings:

Both femoral heads are well-rounded and articulate appropriately within the acetabula. No evidence of subluxation or dislocation.

The joint spaces of both hip joints appear preserved, with no obvious narrowing suggestive of osteoarthritis.

The pelvic bones, including the iliac wings, ischium, and pubis, are intact without evidence of fracture or significant bony abnormality.

No visible osteophytes or bony outgrowths that might suggest degenerative changes.

Sacroiliac joints appear normal without significant sclerotic or erosive changes.

The lumbar spine vertebral bodies visible at the top of the image appear intact without obvious abnormalities. Soft tissues around the pelvic region are unremarkable.

Impression:

No acute osseous abnormality seen in the AP view of the pelvis. Hip joints appear intact with preserved joint spaces.

Reference answer

The sacroiliac joints are unremarkable..