

## Prompt

This is a 10-year-old girl. Abdominal pain, with a clinically palpable large abdominal mass. These are the X-ray and CT images. Generate a summary report of these images.



## GPT-4V

### **Radiologic Report Summary:**

**Patient:** 10-year-old girl.

**Clinical Information:** Abdominal pain with a clinically palpable large abdominal mass.

### **Findings:**

Coronal and Axial CT images of the abdomen:

There is evidence of a large, heterogeneously enhancing mass in the abdominal region. The mass appears to displace adjacent structures.

The borders of the mass are not clearly defined in the provided images, suggesting it may be infiltrative in nature.

Surrounding structures such as the bowel and the major blood vessels appear to be displaced or compressed by the mass.

No evidence of calcifications within the mass on the provided images.

Plain X-ray of the abdomen:

The image reveals a large soft tissue opacity in the abdominal region corresponding to the location of the mass seen on the CT.

There's displacement of the bowel gas patterns.

No evidence of free air or intestinal obstruction.

The bony structures of the pelvis and lumbar spine appear intact without any significant abnormality.

### **Impression:**

Large heterogeneously enhancing abdominal mass causing displacement of the surrounding structures. The exact origin and nature of the mass (benign vs. malignant) would require further evaluation, including possible biopsy and additional imaging studies. It is advised to correlate with clinical findings and consider further workup.

## Reference answer

**X-ray:** There is a paucity of bowel gas, with peripherally displaced and collapsed large bowel suggestive of a central abdominal mass. The psoas shadows are partly maintained. There is minimal fecal loading. The abdominal skeleton is normal. Incidental clothing artefact, left groin, (an aglet).

**CT:** CT demonstrates a large, encapsulated, multiseptated, predominantly cystic mass lesion arising from the right adnexa. Minimal flecks of calcification are present. There is minimal enhancement of the capsule and septa with the absence of any solid or suspicious component. There is a noted absence of fat and dental elements. The uterus and left adnexa are grossly normal. There are displaced small and large bowel loops with no bowel obstruction. There is no renal tract obstruction. There is free fluid within the pelvis. There are no features to suggest metastases.