



## Diaphragmatic hernia mimicking as pleural effusion in radiograph.

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A 13yr-old-girl presented to the outpatient department with left sided chest discomfort and exertional dyspnea and vomiting since childhood. On examination, she was afebrile with normal vital signs and oxygen saturation and chest examination revealed fullness with decreased movement over left lower chest which was dull on percussion and gurgling sound were heard on left infrascapular area. X-ray chest postero-anterior view showed left sided opacity with obliteration of costophrenic angle with Ellis S-shaped curve.( FIG 1 )



Figure: 1

On Further evaluation lateral x-ray chest was performed which showed decrease lucency over posterior and lower spine. (FIG 2)

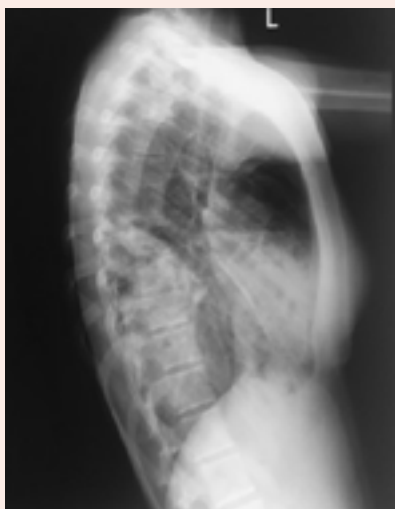


Figure: 2

Computed tomography chest demonstrated herniation of the abdominal contents through the posterolateral diaphragmatic defect (3.8cm) into the left thoracic cavity. (FIG 3)



Figure: 3

Late presentation of congenital diaphragmatic hernia as a pleural effusion is rare.<sup>1</sup> This condition might be misdiagnosed as a left pleural effusion on the basis of chest X-ray and can undergo needle aspiration attempt.<sup>2</sup> Clinical findings are very useful for further evaluation to diagnose this condition. This patient was referred to surgery for definitive management.

### REFERENCES

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