Clinical Image

Uncommon Complex Thoracic Anomaly: Costovertebral and Bronchopulmonary Anomalies Accompanying Pulmonary Hypoplasia

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A 28-year-old male presented with chest pain and dyspnea. Radiological evaluation revealed 7th cervical rib on the right, rotoscoliosis in the thoracic vertebral axis, hypoplastic left pulmonary vein and pulmonary artery, left pulmonary parenchymal hypoplasia, and single lobe in left lung (Fig. 1).

Congenital lung and pulmonary vascular hypoplasia is a rare congenital disorder that results in lung underdevelopment. They are usually diagnosed in childhood. A cervical rib is a congenital deformity that usually attaches to the seventh cervical vertebra and occurs in approximately 0.5–1% of the population. As in the case presented, costovertebral and bronchopulmonary anomalies accompanying pulmonary hypoplasia can very rarely be seen as complex thoracic anomalies.

Conflict of Interests

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References


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