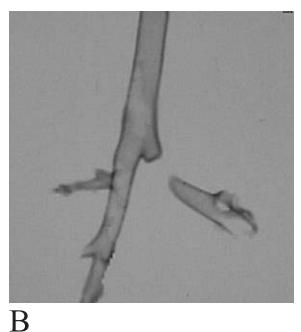


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A

Questions

- Q1. What are the findings in images (A and B)?
- Q2. What is your probable diagnosis and give the differential?

QUIZ 1

Answers ____

Answer 1: There is evidence of a cystic mediastinal mass at the level of the carina measuring 1.0 x1.0cm. There is marked slit like luminal narrowing of the proximal left main bronchus adjacent to the lesion. There is associated mediastinal shift towards right side and hyperinflation of left lung with herniation across midline.

Answer 2: Diagnosis:

Bronchial atresia.

Differential Diagnosis:

Mediastinal bronchogenic cyst with

bronchial atresia

Neuroenteric cyst

Other forgut cysts

Bronchial atresia with bronchocele

Obstructive cases (foreign body, bronchial adenoma).

Round pneumonia

Pneumatocele

References

- K Ashizawa, T Okimoto, Anterior mediastinal bronchogenic cyst: demonstration of complicating malignancy by C.T. and MRI: The British Journal of Radiology, 74 (2001), 956-61.
- 2. Shanti CM, Klein MD. Cystic lung disease. Semin Pediatr surg. Deb 2008; **17(1)**:2-8.
- Jerald P, Kuhn, Thomas L, Slovis, Caffey s Pediatric diagnostic Imaging 10th edition Vol 1 Page 904-06. Mosby; 2004