Bronchus cardiacus accessorius dexter

Derek Roebuck • Clare A. McLaren

Received: 28 July 2009 / Accepted: 18 August 2009 / Published online: 17 November 2009
© Springer-Verlag 2009

A 3-month-old boy underwent flexible bronchoscopy with bronchography for evaluation of airway compression associated with absent pulmonary valve syndrome. This showed a blind-ending bronchus, arising from the medial aspect of the right main bronchus opposite the origin of

the right upper lobe bronchus (*black arrow*) (Fig. 1). There was extrinsic compression of the carina (*white arrow*) due to enlargement of the pulmonary arteries. The finding was confirmed by contrast-enhanced CT (*arrow*) (Fig. 2).

Fig. 1 Bronchography

Fig. 2 Contrast-enhanced CT

Bronchus cardiacus accessorius dexter is a rare anomaly, detected at less than 0.1% of adult bronchoscopies [1, 2]. It may coexist with other anomalies, as in this patient, but is rarely symptomatic [1, 2].

References

1. Barzo P, Nagy B (1999) Bronchus cardiacus accessorius dexter. *Diagn Ther Endosc* 5:211–217
2. Mangiulea VG, Stinghe RV (1968) The accessory cardiac bronchus. Bronchologic aspect and review of the literature. *Dis Chest* 54:433–436

D. Roebuck (✉) • C. A. McLaren
Department of Radiology,
Great Ormond Street Hospital for Sick Children,
Great Ormond Street,
London WC1N 3JH, UK
e-mail: roebud@gosh.nhs.uk