



Clinical Image

Azygos Lobe and Inferior Vena Cava Agenesis: A Rare Association of Two Uncommon Malformations[☆]

Lóbulo de la ácidos y agenesia de la vena cava inferior: una rara asociación de dos infrecuentes malformaciones

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A 42-year-old patient was admitted with chest trauma after a high-energy traffic accident. The presence of thoracic complications was ruled out in a computerized axial tomography scan performed in the emergency department. However, 2 rare malformations were found: inferior vena cava agenesis with azygos continuation and an accessory fissure of the azygos vein, as shown in Fig. 1. Inferior vena cava with azygos continuation is a rare congenital malformation that affects 0.6% of the population and is commonly associated with congenital heart disease.¹ Both malformations have been previously published separately; however, we could find no description of the coexistence of this

malformation with an azygos lobe or fissure in the same patient. Awareness of this type of malformation is crucial in the surgical planning of thoracic interventions, especially in interventions where ligation of the azygos may be necessary.²

References

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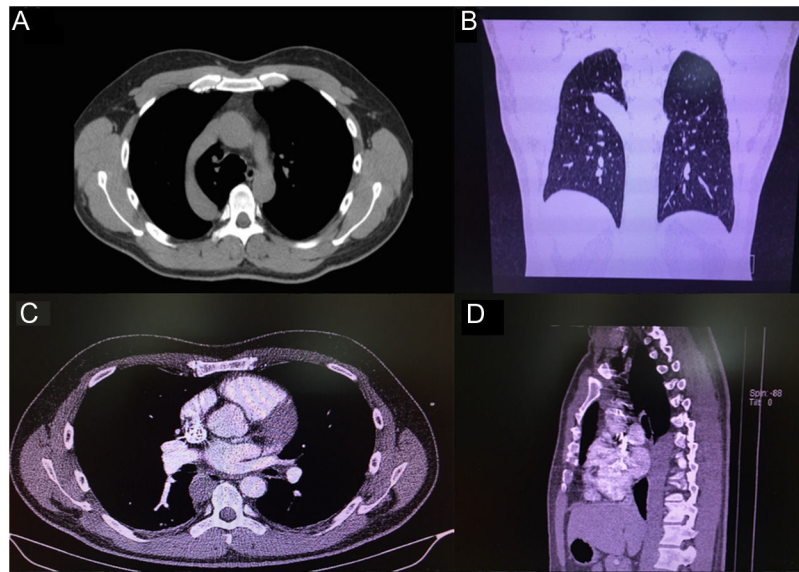


Fig. 1. Images A and B show the existence of an accessory fissure formed by a hypertrophic azygos. Images C and D show absence of the inferior vena cava with azygos continuation with a caliber similar to the aorta.

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