Perioperative Images of Extralobar Sequestration in a Newborn Boy

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Clinical Image

A full-term newborn boy weighing 3025 gm presented with respiratory distress was referred to us for surgical intervention of intrathoracic tumor. The tumor was detected by routine prenatal ultrasound at a local hospital. Preoperative chest film taken at the pediatric critical care unit showed a huge tumor in left lower thorax with dextrocardia and an oral gastric tube in place (Figure 1a). Chest computed tomography revealed a feeding artery originated from the descending aorta to the tumor (Figure 1b). The boy underwent left posterior lateral thoracotomy via the 7th rib bed for resection of the extralobar sequestration measuring 7x6, 5x4 cm (Figure 2a). The sequestration, with a concave surface towards the left diaphragm, showed a small pedicle containing a feeding artery from the aorta and a venous drainage to the hemiazygos vein (Figure 2b). He was well in an 11year follow-up after surgery.