Thoracoscopic resection of bilateral pulmonary arteriovenous malformations via sub-xiphoid approach: case report

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Abstract

Pulmonary arteriovenous malformations are abnormal communications between pulmonary arteries and veins. Pulmonary arteriovenous malformations are associated with many complications including stroke and brain abscess, and even hypoxemic respiratory failure and life-threatening hemothysis or hemothorax.

Surgical resection of individual pulmonary arteriovenous malformations may be performed in patients who fail repeated embolization, or in patients with acute life-threatening hemorrhage.

Here we are going to present a 43-year-old woman suffered from bilateral pulmonary arteriovenous malformations and was successfully treated with thoracoscopic resection of lesions via sub-xiphoid approach simultaneously.