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Subclavian aneurysm-tracheal fistula presenting with massive hemoptysis, a diagnostic dilemma to the emergency room personnel: a case report

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Introduction: Subclavian aneurysm presenting as a massive hemoptysis has never been reported in the literature, the aim of the current study is to report for the first time, subclavian aneurysm-tracheal fistula presenting with massive hemoptysis. Case report: A 56-year-old female presented with massive hemoptysis which was aggravated in the last two days. The patient was known case of TB received anti-tuberculosis and cured. General examination showed pallor. Chest x-ray, CT scan and bronchoscopy were normal. Subclavian conventional angiography showed a fistula between left proximal subclavian artery aneurysm and upper part of the trachea. After stabilization, the patient underwent operation, ligation of the right proximal subclavian artery, division, and transposition of the subclavian artery to the left brachiocephalic trunk.

Conclusion: Subclavian aneurysm-tracheal fistula presenting with massive hemoptysis has been reported for the first time in the literature. It presented as a diagnostic dilemma to the emergency room personnel.

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