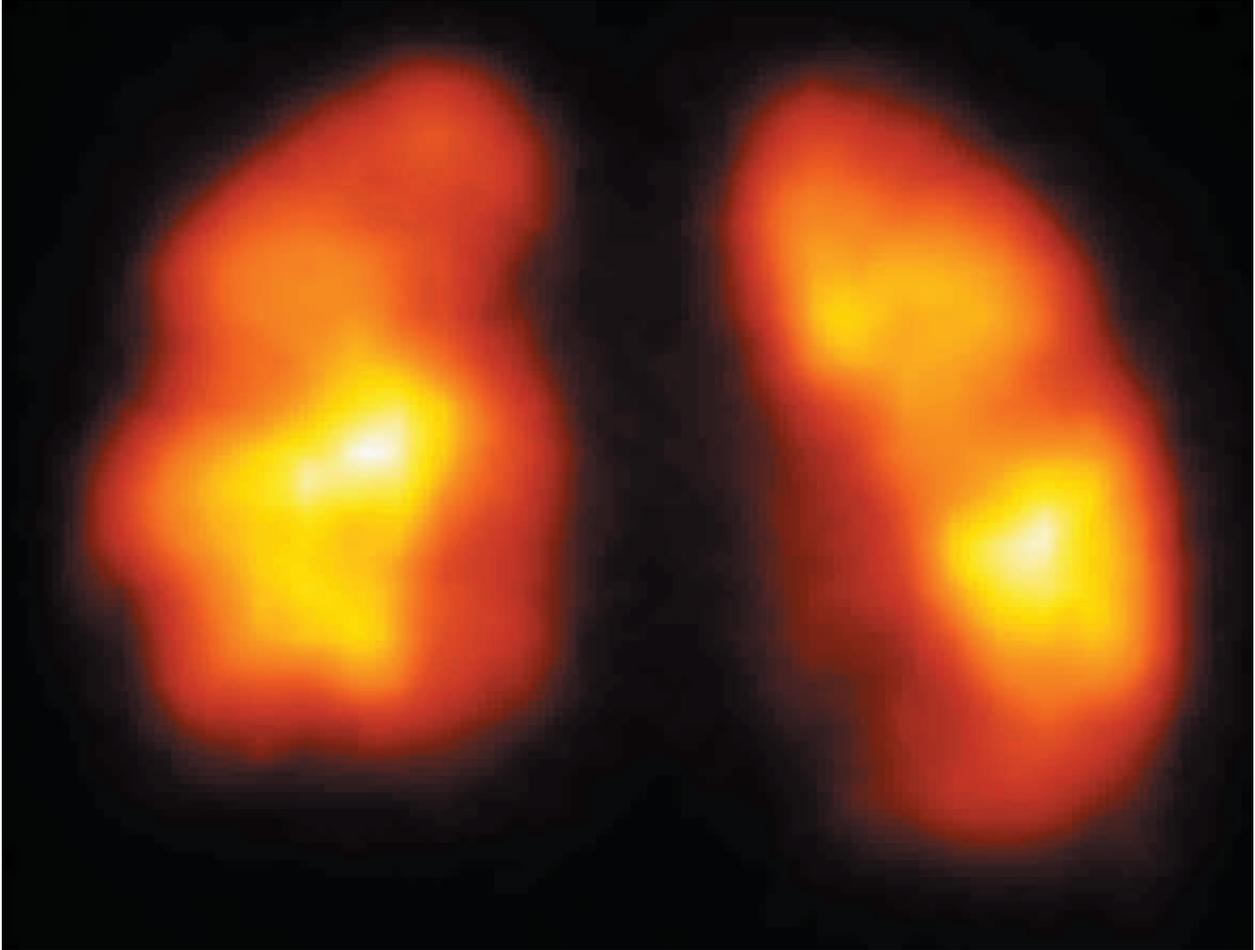# Behçet's Disease

Bilateral Pulmonary Arterial Aneurysms Presenting as Pulmonary Embolism

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مرض بهجت
ام الدم في الشـريانين الرئويين الظاهر علـى شـكل انصمـام رئوي

Figure 1: *Perfusion lung scintigraphy with 99mTc-MAA. Multiple segmental defects in both lungs. High probability of pulmonary embolism)*

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Figure 2: *Maximum intensity projection (MIP) of contrast-enhanced Magnetic Resonance angiogram of the pulmonary arteries shows multiple aneurysms (open arrows) of the right pulmonary arterial branches and a branch of the left inferior pulmonary artery*

A 30 years old soldier presented with a three-year history of recurrent oral ulcers and stomatitis, recurrent lobar pneumonias with hemoptysis, intermittent fever and weight loss.

COMMENT

Pulmonary artery aneurysms associated with pulmonary artery thromboses are characteristic features of Behçet's Disease.[1,2] Pulmonary artery aneurysm formation has a very poor prognosis,[3] and death typically results from the rupture of aneurysms and massive hemoptysis.[4]

REFERENCES

1. Ahn JM, Im JG, Ryoo JW, et al. Thoracic manifestations of Bechet syndrome: radiographic and CT findings in nine patients. Radiology 1995; 194:199-203.

2. Winer-Muram HT, Headley AS, Menke P, Eltorky M. Radiologic manifestations of thoracic vascular Bechet's disease in African-American men. J Thorac Imaging 1994; 9:176-179.

3. Erkan F, Gul A, Tasali E. Pulmonary manifestations of Bechet's disease. Thorax 2001; 56:572-578.

4. Durieux P, Bletry O, Huchon G, Wechsler B, Chretien J, Godeau P. Multiple pulmonary arterial aneurysms in Bechet's disease and Hughes-Stovin syndrome. Am J Med 1981; 71:736-741.