

Endovascular Management of Pulmonary Arteriovenous Malformation

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ABSTRACT

Although many studies showed that pulmonary arteriovenous malformations (PAVM) are relatively rare disorders, they are still an important part of differential diagnosis of common pulmonary problems such as hypoxemia, dyspnea on exertion and pulmonary nodules.

A thirty-five-year-old female patient presented with low oxygen saturation six hours post simple vaginal delivery. The patient was investigated by echocardiography, chest x-ray and CT pulmonary angiography, which confirmed the diagnosis of pulmonary arteriovenous malformations (PAVM). Pulmonary conventional angiogram with transcatheter coil embolization was performed to treat the condition. The patient had uneventful recovery following coil embolization of pulmonary arteriovenous malformations.