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An unusual cause of right ventricular outflow tract obstruction

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Topic: [right ventricular outflow obstruction](#)

A 7-day-old boy born from an uneventful pregnancy presented with cyanosis and desaturation after a normal postnatal adaptation. Initial echocardiography showed a right ventricular outflow tract (RVOT) obstruction with duct-dependent circulation. PGE₁ infusion and invasive ventilation were initiated before the patient was referred to our institution. Echocardiography (*left upper panel*) showed a free-moving, hypoechogenic, 1 cm round-shaped structure in the pulmonary trunk (asterisk). Colour-Doppler interrogation did not show any flow within the structure. The RVOT was almost totally obstructed and this anomaly seemed to belong to the pulmonary valve. Because of the high suspicion of valvar dysplasia, the patient was brought to the catheterization laboratory...

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