

Congenital Agenesis of the Inferior Vena Cava - Cause of Deep Vein Thrombosis

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Abstract

Agenesis of the inferior vena cava is an extremely rare abnormality, most often discovered by accident. This paper reports the case of a 41-year-old male patient, admitted to the IIIrd Emergency General Surgery Clinic of the Emergency University Hospital with the diagnosis of bilateral pelvic limb post-thrombotic syndrome. According to his personal history he had the first vascular surgical intervention at the age of 6. The surgical indication was determined by large hydrostatic varicose veins of the lower limbs and the performed surgery was crossectomy with bilateral stripping of the great saphenous vein. Until admission to our clinic, the patient had repeated surgery for recurrent varicose veins of the lower limbs. The patient was diagnosed in our service with congenital agenesis of inferior vena cava, the evolution was good and the patient was discharged after 17 days. This paper presents the clinical, imagistic and therapeutic particularities of such a case. Imagistic detection of early vascular abnormality, identifying procoagulant factors and the close care of the local lesion are essential for patient evolution.

Key words: agenesis of the inferior vena cava, deep vein thrombosis, varicose ulcer

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