

Görüntülü olgu örnekleri

Case images

Demonstration of a hypoplastic aortic arch by computed tomographic angiography

Hipoplastik aort arkusunun bilgisayarlı tomografik anjiyografi ile görüntülenmesi



Onur Selçuk Göksel,
Murat Uğurlucan,
Emin Tireli,
Enver Dayıoğlu

Department of
Cardiovascular Surgery,
Medicine Faculty of
Istanbul University,
İstanbul

A female term neonate was referred to our clinic with dyspnea, easy fatigability, and cyanosis. Echocardiographic examination revealed a large secundum type atrial septal defect, pulmonary hypertension, and a hypoplastic aortic arch. Computed tomographic angiography demonstrated the extracardiac pathology. A dilated main pulmonary artery, a small ductus arteriosus, and the hypoplastic aortic arch were documented (Figures A-C).

Figures. (A) Anterior view of the heart showing a hypoplastic arch and dilated pulmonary trunk. A patent ductus is also observable. (B) Hypoplastic aortic arch and the arch vessels. Aortic coarctation is also present. (C) Hypoplastic aortic arch and the arch vessels. Ductal tissue is noted near the coarctated aorta.