

## A CHALLENGING CASE OF MIDDLE AORTIC SYNDROME

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### **History and physical:**

An eight year old boy with blood pressure 210/140 was referred to the cardiology clinic. In the exam, he had no lower extremity pulses.

### **Imaging:**

Echocardiography showed LV hypertrophy, mild AI, 78 mmHg gradient in the abdominal aorta with the diastolic antegrade flow.

Multi-slice CT angiography showed long segment coarctation of the aorta from celiac origin up to renal artery origin at about 5 Cm.





**Indication of intervention:**

Severe long segment middle aortic syndrome

**Intervention:**

Stenting of the coarctation segment was done with two formula stents 10\*30.

**Learning points of the procedure:**

Low profile Formula stents are an attractive option for management of middle aortic syndrome in children.

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