Late sequela of aortotomy in infancy: supravalvular aortic stenosis and aneurysmal changes of epiaortic branches

Shusaku Maeda, Satoshi Numata, Koichi Nishida and Yasushi Tsutsumi

a Department of Cardiovascular Surgery, Fukui Cardiovascular Center, Fukui, Japan
b Department of Pediatrics, Fukui Cardiovascular Center, Fukui, Japan

* Corresponding author. Department of Cardiovascular Surgery, Fukui Cardiovascular Center, 2-228 Shinpo, Fukui 9100833, Japan. Tel: +81-776-545660; fax; +81-776-532132; e-mail: snumat@yahoo.co.jp (S. Numata).

Received 25 February 2014; received in revised form 3 April 2014; accepted 7 April 2014

Keywords: Aneurysm • Aortic stenosis • Computed tomography

A 22-year old lady with a history of repair for patent ductus arteriosus, ventricular septal defect and bicuspid aortic valve stenosis in infancy was admitted for dyspnoea. Computed tomography showed supra-aortic stenosis and aneurysmal changes of epiaortic branches (Fig. 1). She underwent aortic root and arch replacement successfully (Fig. 2).