**Supplementary video legends**

**Supplementary video 1.** Preoperative echocardiography showing absent pulmonary valve with to-and-fro flow between the hypoplastic right ventricle and the main pulmonary artery.

**Supplementary video 2.** Preoperative echocardiography showing intact and hypertrophied ventricular septum bulging into the left ventricle (asymmetrical ventricular septal hypertrophy). There was no significant pressure gradient across the left ventricular outflow tract.