

MIDDLE EAST HEART CONGRESS

March 18-20, 2019 Dubai, UAE

Early outcome after total correction of tetralogy of Fallot in department of cardiothoracic surgery, Amiri Medical Complex, Kabul, Afghanistan

Manochihr Timorian
Amiri Medical Complex, Afghanistan

The purpose of this study was to evaluate the early outcome after total correction of tetralogy of Fallot in 180 consecutive patients with a mean age of 5-30 years underwent repair of surgery in a single center Amiri Medical Complex, Kabul, Afghanistan between August 2015 and October 2018. 8 patients had initial palliative operations (modified BT shunt) in, outside centers and referred to us for total correction. Trans annular pericardial patch was inserted in 133 (73.8%) patients, 32 (17.7%) patients repaired trans-atrial total correction (ventricular septal defect, right ventricular out flow tract muscle band resection and pulmonary valvotomy through right atrium) for 15 (8.3%) patients with absent pulmonary valve mono cuspid and bicuspid pulmonary valve reconstructed with pericardial patch. Mean follow up was 1-3 months post operatively and mortality was 8.8%. Most of the patients whom repaired with trans-annular patch had free pulmonary valve regurgitation post operatively by trans-thoracic echocardiography, 26 patients had excellent function of monocuspid and bicuspid reconstructed pulmonary valve by pericardial patch, the mean gradient of right ventricular out flow tract was 15 to 35 mmHg post operatively. Twenty-two (22) patients had small residual ventricular septal defect and none of the patients had complete heart block (0%). Total correction of tetralogy of Fallot can have low operative mortality and provide excellent short and long term survival, this experience suggests that key factor in total correction of tetralogy Fallot is to correct the pathology completely.

Biography

Manochihr Timorian is currently working as a Consultant Cardiothoracic Surgeon in the Department of Cardiothoracic Surgery in Amiri Medical Complex, Kabul, Afghanistan. He has completed his graduation from Kabul Medical University, Kabul, Afghanistan. He has also completed his Diploma in General and Minimally Invasive Surgery from Apollo Hospital Delhi, India.

manochihr@yahoo.com

Notes: