**Late Complications Following Tetralogy of Fallot Repair: a 5-10 year review**

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**Background** --- Residual lesions and other complications are expected in patients after full correction of Tetralogy of Fallot. Complications such as arrhythmias, pulmonary stenosis, pulmonary insufficiency and ventricular septal defect leakage may remain stable after surgery, though may progress and lead to right ventricular failure and dilatation, thus requiring long term follow-up and monitoring.

**Methods** --- A retrospective study involving chart review of 157 patients who underwent total correction of Tetralogy of Fallot from January 1, 1996 to December 31, 2005. Symptomology, electrocardiographic and echocardiographic findings were collected and presented by frequency distribution.

**Results** --- In this cohort study, patient’s mean age of 5.6 years, predominantly male and underwent right ventricular outflow reconstruction with an average of 7.1 years from surgery to inclusion in this study. Nine patients had VSD leakage, two patients developed severe pulmonary stenosis who underwent percutaneous pulmonary balloon valvuloplasty and infundibulectomy respectively and three patients had severe pulmonary regurgitation, two were reoperated for pulmonary valve replacement and one still awaits surgery.

**Conclusion** --- Long term follow-up in patients after Tetralogy of Fallot correction is essential to monitor complications and provide intervention as need arises. *Phil Heart Center J 2012;16:81-82.*