

***Echocardiographic study of the left ventricular  
function after total repair of Fallot tetralogy***

Thesis

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Master Degree in Cardiology  
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**قَالُوا سُبْحَانَكَ**

**لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا**

**إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ**

صَلَّى اللَّهُ عَلَى الْعِصَى

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## **LIST OF ABBREVIATIONS**

Ao	Aorta.
COP	Cardiac output.
CPB	Cardiopulmonary bypass.
ECG	Electrocardiogram.
EF	Ejection fraction.
Fs	Fraction shortening.
Hb	Hemoglobin.
Isc. Time	Ischemic time.
IVC	Inferior vena cava.
LV	Left ventricle.
LVEDD	Left ventricular end diastolic diameter.
LVEDV	Left ventricular end diastolic volume.
LVESD	Left ventricular end systolic diameter.
LVESV	Left ventricular end systolic volume.
LVPWs	Left ventricular posterior wall thickness.
Max	Maximum.
Min	Minimum.
NYHA	New York Heart Association.
O <sub>2</sub> Sat	Oxygen saturation.
P RV/LV%	Percentage of right ventricular to left ventricular pressure.
PCV	Packed cell volume.
PDA	Patent ductus arteriosus.
PG	Pressure gradient.



### *List of Abbreviations*

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PI	Pulmonary incompetence.
Post op	Post-operative.
Pre.op	Pre-operative.
PS	Pulmonary stenosis.
Qp	Pulmonary blood flow.
Qs	Systemic blood flow.
RBBB	Right bundle branch block.
Res	Residual.
RV	Right ventricle.
RVOT	Right ventricular outflow tract.
SD	Standard deviation.
SVC	Superior vena cava.
TOF	Tetralogy of Fallot.
TSM	Trabecula septo marginalis.
VSD	Ventricular septal defect.

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