

ATRIAL NATRIURETIC PEPTIDE IN CHILDREN WITH CONGENITAL HEART DISEASE

THESIS

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بسم الله الرحمن الرحيم

« قالوا سبحانك لا علم لنا إلا ما علمتنا

إنك أنت العليم الحكيم »

صدق الله العظيم

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Dedication...

To My Parents

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ABBREVIATIONS

2-D	Two-Dimensional
ANF	Atrial natriuretic factor
ANP	Atrial natriuretic peptide
ASD	Atrial septal defect
BAD	Bilateral dilatation
BVE	Biventricular enlargement
BVH	Biventricular hypertrophy
cAMP	cyclic adenosine monophosphate
cGMP	cyclic guanosine monophosphate
CTR	Cardiothoracic ratio
DNA	Deoxyribonucleic acid
ECF	Extracellular fluid
ECG	Electrocardiogram
F ₄	Teratology of Fallot
Fig.	Figure
Fr. Short.	Fractional shortening
h	Human
H.F.	Heart failure
LA/Ao ratio	Left atrial/Aortic root ratio
LAD	Left atrial dilatation
LAXD	Left axis deviation
LVE	Left ventricular enlargement
LVH	Left ventricular hypertrophy
M-mode	Motion-mode
ml	milliliter
mPAP	mean Pulmonary artery pressure
mPCWP	mean Pulmonary capillary wedge pressure
mRAP	mean Right atrial pressure
N	Normal
PAD	Pulmonary artery dilatation
PDA	Patent ductus arteriosus

pg	piqogram
PS	Pulmonary stenosis
Pulm. p++	Pulmonary hypertension
Qp/Qs ratio	Pulmonary blood flow/Systemic blood flow ratio
R.V. index	Right ventricular index
RAD	Right atrial dilatation
RAxD	Right axis deviation
RBBB	Right bundle branch block
RNA	Ribonucleic acid
RVE	Right ventricular enlargement
RVH	Right ventricular hypertrophy
RVH	Right ventricular hypertrophy
SD	Standard deviation
SIDH	Syndrome of inappropriate antidiuretic hormone secretion
VSD	Ventricular septal defect

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