

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بعض الوثائق الأصلية تالفة



THE ROLE OF HYPOXIA IN RESPIRATORY MORBIDITY IN CONGENITAL CYANOTIC HEART DISEASE WITH OR WITHOUT INTERVENTION

Thesis
submitted for partial fulfillment of M.D. in Pediatrics
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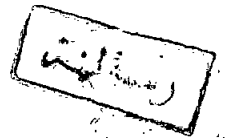
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بسم الله الرحمن الرحيم

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

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LIST OF ABBREVIATIONS

2,3 DPG	2,3 diphosphglycerate
2-D	Two-dimensional
2-DE	Two-dimensional examination
3-D	Three-dimensional
4-D	Four -dimensional
4-DE	Four-dimensional examination
α 1-Pi	Alpha 1 proteinase inhibitor
ABG	Arterial blood gases
ACE	Angiotensin converting enzyme
AHA	American Heart Association
ANOVA	Analysis of variance
A-P	Aortico-pulmonary
AR	Aortic regurge
ARDS	Adult respiratory distress syndrome
AS	Aortic stenosis
AS	Aortic stenosis
ASD	Atrial septal defect
A-V	Atrio-ventricular
AVSD	Atrio-ventricular septal defect
BAS	Balloon atrial septostomy
BBAS	Blade balloon atrial septostomy
BPV	Balloon pulmonary valvuloplasty
C/T	Cardiothoracic ratio
C	Complement
CACs	Coronary artery collaterals
CAMP	Cyclic adenosine3',5'monophosphate
CAs	Coronary arteries
CBC	Complete blood count
CCVM	Congenital cardiovascular malformations
CDE	Color Doppler Energy
CF	Cystic fibrosis

CFTR	Cystic fibrosis transmembrane conduction regulator gene
CHD	Congenital heart disease
CHF	Congestive heart failure
CNS	Central nervous system
CO	Cardiac output
CO ₂	Carbon dioxide
CoA	Coarctation of the aorta
CPB	Cardiopulmonary bypass
CPK	Creatine phosphokinase
CR1	Complement receptor 1
CRP	C-reactive protein
CT	Computed Tomography
CVA	Cerebrovascular accidents
CVH	Combined ventricular hypertrophy
CVP	Central venous pressure
CXR	Chest X-ray
DBP	Diastolic blood pressure
DOLV	Double outlet left ventricle
DORV	Double outlet right ventricle
ECD	Endocardial cushion defect
ECG	Electrocardiogram
ECMO	Extracorporeal membrane oxygenation
EDTA	Ethylene diamine tetraacetic acid
EF	Ejection fraction
FiO ₂	Oxygen fraction of inspired air
fl	Femtolitres
FRC	Frequency of respiratory complaints
GORD	Gastroesophageal reflux disease
H ₂ O ₂	Hydrogen peroxide
HACEK	Haemophilus, actinobacillus, cardiobacterium, and Kingella
Hb	Hemoglobin
HbF	Hemoglobin F
HbO ₂	Oxyhemoglobin
Hct	Hematocrit

HLHS	Hypoplastic left heart syndrome
HLHS	Hypoplastic left heart syndrome
HUVECs	Human umbilical vein endothelial cells
IABP	Intraaortic balloon pump
ICAM	Intercellular adhesion molecule
IE	Infective endocarditis
Ig	Immunoglobulin
IL	Interleukin
IM	Intramuscular
IUGR	Intrauterine growth retardation
IV	Intravenous
IVC	Inferior vena cava
IVS	Intact interventricular septum
KD	Kilo dalton
LA	Left atrium
LAD	Left atrial dilatation
LMW	Low molecular weight
LPS	Lipopolysaccharide fraction
LTB4	Leukotriene B4
LVAD	Left ventricular assist device
LVED	Left ventricular end diastole
LVH	Left ventricular hypertrophy
LVOT	Left ventricular outflow tract
LVOTO	Left ventricular outflow tract obstruction
MBT shunt	Modified Blalock Taussig shunt
MCH	Mean corpuscular hemoglobin
MCHC	Mean corpuscular hemoglobin concentration
MCV	Mean corpuscular volume
MOF	Multiple organ failure
MPA	Main pulmonary artery
MR	Mitral regurge
MRI	Magnetic resonance imaging
MS	Mitral stenosis
NE	Neutrophil elastase

NO	Nitric oxide
NYHA	New York Heart Association
OFC	Occipitofrontal circumference
Pa	Pulmonary artery
PA	Pulmonary atresia
PAB	Pulmonary artery banding
PACIVS	Pulmonary atresia & intact interventricular septum
PAF	Platelet activating factor
PAH	Pulmonary arterial hypertension
PAPVR	Partial anomalous pulmonary venous return
PBF	Pulmonary blood flow
PCO ₂	Partial pressure of carbon dioxide
PDA	Patent ductus arteriosus
PDA	Patent ductus arteriosus
PET	Positron emission tomography
PFO	Patent foramen ovale
pg	Picogram
PGE ₁	Prostaglandin E 1
PMN	Polymorphonuclear
PO ₂	Partial pressure of oxygen
PS	Pulmonary stenosis
PtcO ₂	Transcutaneous oxygen tension
PTFE	Polytetrafluoroethylene
PV	Pulmonary valve
PVOD	Pulmonary vascular obstructive disease
PVR	Pulmonary vascular resistance
RA	Right atrium
RAD	Right atrial dilatation
RAE	Right atrial enlargement
RAO	Right anterior oblique
RBBB	Right bundle branch block
RBC	Red blood cell
RDS	Respiratory distress syndrome
reCoA	Recoarctation