



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية  
@ ASUNET



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأفلام قد أعدت دون أية تغيرات



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**RELATION OF LEFT VENTRICULAR MASS AND  
FILLING TO EXERCISE BLOOD PRESSURE AND  
REST BLOOD PRESSURE**

٩٢٨٣

*Thesis*

*Submitted for Partial Fulfillment of  
Master Degree in Cardiology*

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ZAGAZIG UNIVERSITY**

**2000**



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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

صدق الله العظيم

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## LIST OF ABBREVIATIONS

A	Late diastolic peak flow velocity
ACE	Angiotensin-converting enzyme
AngII	Angiotensin II
ANP	Atrial natriuretic peptide
ATI	Angiotensin I
ATP	Adenosine triphosphate
A-V	Atrioventricular
BP	Blood pressure
cAMP	Cyclic adenosine monophosphate
CHD	Coronary heart disease
CHF	Congestive heart failure
CT	Connective tissue
CV	Cardiovascular
DAG	Diacylglycerol
DNA	Deoxy ribo nucleic acid
E	Early diastolic peak flow velocity
ECG	Electrocardiography
EDCF	Endothelium-derived constricting factor
EDRF	Endothelium-derived relaxing factor
ETA	Endothelin antagonist
ET-1	Endothelin-1
g	Gram
IGF-1	Insulin-like growth factor-I
I.V.	Intravenous
LV	Left ventricle
LVDD	Left ventricular diastolic dimension
LVH	Left ventricular hypertrophy
LVM	Left ventricular mass
MAP	Mitogen activated protein
MI	Myocardial infarction
PKA	Proteinkinase A
PKC	Proteinkinase C
PPET	Propro endothelium
PWC	Physical work capacity
RAS	Renin-angiotensin system
RNA	Ribonucleic acid
S3	Third heart sound

S4	Fourth heart sound
SD	Standard deviation
SHR	Spontaneously hypertensive rat
SPECT	Single photon emission computerized tomography
<sup>201</sup> Tl	Thallium 201
W	Watt
W.P.W	Wolf-pankinson-white syndrome



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# INTRODUCTION