



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



شبكة المعلومات الجامعية  
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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

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**ECHOCARDIOGRAPHIC ESTIMATION OF  
SYSTOLIC RIGHT VENTRICULAR SHORTENING  
IN PATIENTS WITH  
CORONARY ARTERY DISEASE**

*THESIS*

Submitted For Partial Fulfillment of  
The Master Degree in Cardiology

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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كله عرس وذلك لا

لما تم عليه البرهانه وهو عرسه

ما في حقيقه

عبد الله

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## LIST OF ABBREVIATIONS

2D	Two-dimensional
AV	atrioventricular
CABG	coronary artery bypass grafting
CAD	coronary artery disease
ECG	electrocardiography
EF	ejection fraction
GBPI	gated blood pool imaging
JVP	jugular venous pressure
LA	left atrium
LAD	left anterior descending artery
LAO	left anterior oblique
LV	left ventricle
MHz	megahertz
No.	number
NYHA	New York Heart Association
PDA	posterior descending artery
PTCA	percutaneous transluminal coronary angioplasty
RA	right atrium
RAO	right anterior oblique
RCA	right coronary artery
RV	right ventricle
RVEDD	right ventricular end-diastolic dimension
RVESD	right ventricular end-systolic dimension
RVs	right ventricular systolic shortening
RVsi	right ventricular shortening index
SVT	supraventricular tachycardia
TAPSE	tricuspid annular plane systolic excursion
cm	centimeter
cx	left circumflex artery
ml	milliliter
mm	millimeter
μm	micrometer

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