

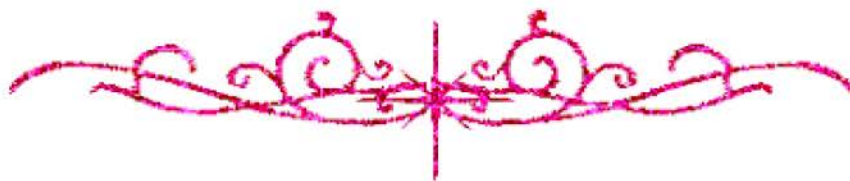
بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم



جامعة عين شمس

التوثيق الإلكتروني والميكرو فيلم

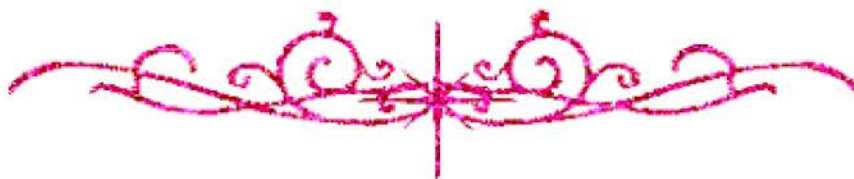
قسم

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



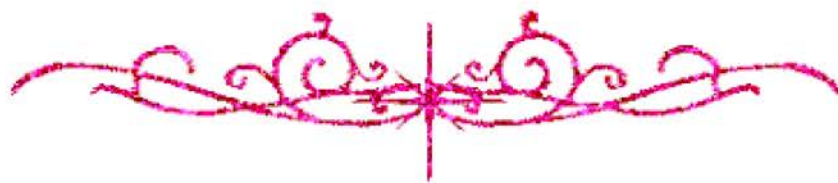
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



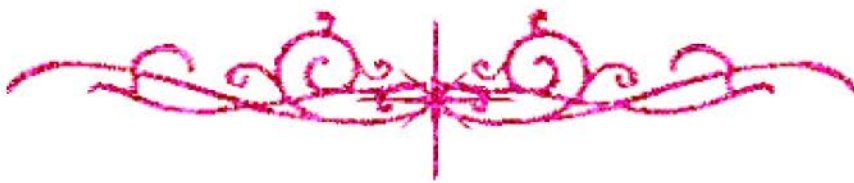


بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



Regional myocardial diastolic function using pulsed Doppler tissue imaging in coronary artery disease.

Thesis submitted for partial fulfillment of
Master degree of Cardiology

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List of Abbreviations

LMCA = Left main coronary artery
LAD = Left anterior descending artery
LCx = Left circumflex artery
RCA = Right coronary artery
LAO = Left anterior oblique
RAO = Right anterior oblique
SVC = Superior vena cava
PDA = Posterior descending artery
ECG = Electrocardiogram
LDL = Low density lipoprotein
T-cell = Thymus derived cell (lymphocyte)
PDGF = Platelet derived growth factor
TGF- β = Tumor growth factor β
ATP = Adenosine triphosphate
AMP = Adenosine monophosphate
EDRF = Endothelium derived relaxing factor
NO = Nitric oxide
LAM = Leukocyte adhesion molecules
EDHF = Endothelium derived hyperpolarizing factor
ET-1 = Endothelin 1
RNA = Ribonucleic acid
ADP = Adenosine diphosphate
5-HT = 5-hydroxytryptamine (serotonin)
PAF = Platelet activating factor
PGI₂ = Prostacyclin
tPA = Tissue plasminogen activator
LV = Left ventricle
ANP = Atrial natriuretic peptide
SR = Sarcoplasmic reticulum
CP = Creatine phosphate

G protein = Guanine protein
 Na = Sodium
 H = Hydrogen
 K = Potassium
 Ca = Calcium
 LBBB = Left bundle branch block
 WPW = Wolff Parkinson White syndrome
 E wave = Early diastolic transmitral filling velocity
 A wave = Late diastolic transmitral filling velocity
 IVRT = Isovolumic relaxation time
 DT = Deceleration time
 DTI = Doppler tissue imaging
 ROI = Region of interest
 2-D = Two dimensional
 FDA = Food and drug administration
 IC = Isovolumic contraction
 TDI = Tissue Doppler imaging
 e wave = Early diastolic regional filling velocity by DTI
 a wave = Late diastolic regional filling velocity by DTI
 e/a ratio = Ratio between the early and late diastolic regional velocities by DTI
 RIVRT = Regional isovolumic relaxation time
 ms = milliseconds
 s = systolic wave by DTI
 DICOM = Digital imaging and communication standard
 mg = milligram
 IV = intravenous
 IM = intramuscular
 PA = posteroanterior
 mHz = Mega Hertz