

The Clinical Utility of Maternal Serum Resistin in Pre-eclampsia

Thesis

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وَأَنْزَلَ اللَّهُ عَلَيْكَ
الْكِتَابَ وَالْحِكْمَةَ
وَعَلَّمَكَ مَا لَمْ تَكُنْ
تَعْلَمُ وَكَانَ فَضْلُ
اللَّهِ عَلَيْكَ عَظِيمًا

صدق الله العظيم

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List of Abbreviations

ACE	: Angiotensin-converting enzyme.
ACOG	: American College of Obstetrics and Gynecology.
ACS	: Acute coronary syndrome.
ADA	: American diabetes association.
ADSF	: Adipose secretory factor.
ALT	: Alanine Transferase.
AM	: Adrenomedullin.
AMI	: Acute myocardial infarction.
AST	: Aspartate Transferase.
AT	: Angiotensin II receptor.
AUC	: Area under curve.
BMI	: Body Mass Index.
BP	: Blood pressure
BUN	: Blood urea nitrogen.
CAC	: Coronary artery calcification.
CAD	: Coronary artery disease.
CBC	: Complete blood picture.
CRP	: C- reactive protein.
DBP	: Diastolic blood pressure.
DIC	: Disseminated intravascular coagulation.
DNA	: Deoxyribonucleic acid.
EDTA	: Ethylene diamine tetraacetic acid.
ELISA	: Enzyme linked immunosorbent assay.
eNOS	: Endothelial nitric oxide synthas.
ERK	: Extracellular signal-regulated kinase.
ET	: Endothelin.
FBG	: Fasting blood glucose.
FI	: Fasting insulin.
FIZZ	: Found in inflammatory zone.
Flt	: Fms-like tyrosine kinase.
FN	: False negative.

List of Abbreviations *(Cont...)*

FP	: False positive.
GA	: Gestational age.
GCT	: Glucose challenge test.
GGT	: Gamma Glutamyl transpeptidase.
GINF	: Glucose infusion.
GLUT	: Glucose transporter.
HCV	: Hepatitis C virus.
HB	: Hemoglobin.
HELLP	: Hemolysis, elevated liver enzymes and low platelets.
HFCS	: High fructose corn syrup.
HOMA	: Homeostasis model assessment.
HSCs	: Hepatic stellate cells.
HUS	: Hemolytic uremic syndrome.
ICAM	: Intercellular adhesion molecule.
IGF	: Insulin-like growth factor.
IGT	: Impaired Glucose Tolerance.
IL	: Interleukin
IR	: Insulin resistance.
IRS	: Insulin receptor substrate.
IUGR	: Intrauterine growth restriction.
IQR	: Interquartile range.
KDa	: Kilo Dalton.
KDR	: kinase domain region.
LBW	: low birth weight.
LDH	: Lactate dehydrogenase.
LpPLA2	: Lipoprotein-associated phospholipase A ₂ .
LPS	: Lipopolysaccharide.
LVEF	: Left ventricular ejection fraction.
MAHA	: Microangiopathic hemolytic anemia.
MAP-kinase	: Mitogen-activated protein-kinase.
MCP	: Monocyte chemotactic protein.

List of Abbreviations (Cont...)

MDD	: Minimum detectable dose.
Mg	: Magnesium.
MHC	: Major histocompatibility complex.
mRNA	: Messenger ribonucleic acid.
NAFLD	: Non alcoholic fatty liver disease.
NGSP	: National Glycohemoglobin Standardization Program.
NHBPEP	: National High Blood Pressure Education Program.
NO	: Nitric oxide.
NOS	: Nitric oxide synthase.
OA	: Osteoarthritis.
OGTT	: Oral glucose tolerance test.
OD	: Optical density.
PAI	: Plasminogen activator inhibitor.
PAPP-A	: Pregnancy associated plasma protein A.
PCI	: Percutaneous coronary intervention.
PCOS	: Polycystic ovarian syndrome.
PCR	: Polymerase chain reaction.
PE	: Pre-eclampsia.
PDGF	: Platelet derived growth factor.
PGI	: Prostaglandins I.
PIERS	: Preeclampsia integrated estimate of risk.
PIGF	: Placental growth factor.
PKC	: Protein kinase C.
PMA	: Phorbolmyristate acetate.
PLT	: Platelets.
PP-13	: Placental protein-13.
PPARγ	: Peroxisome proliferator –activated receptor.
QUICKI	: Quantitative Insulin Sensitivity Check Index.
RA	: Rheumatoid arthritis.
RAS	: Rennin angiotensin system.
RELM	: Resistin like molecule.

List of Abbreviations *(Cont...)*

RNA	: Ribonucleic acid.
RNS	: Reactive nitrogen species.
ROC	: Receiver-operating characteristic.
ROS	: Reactive oxygen species.
RT-PCR	Reverse transcriptase PCR.
SBP	: Systolic blood pressure.
SD	: Standard deviation.
sEng	: Soluble endoglin.
sFlt	: Soluble Fms-like tyrosine kinase.
Sp	: Stimulatory protein.
SP	: Conjugate Streptavidin-Peroxidase conjugate.
SSPG	: Steady-state plasma glucose level.
STEMI	: ST-segment elevation myocardial infarction.
sTNF-R	: Soluble tumour necrosis factor-receptor.
TGF-β	: Transforming growth factor- β .
TN	: True negative.
TNF-α	: Tumor necrosis factor –alpha.
TP	: True positive.
TPA	: Tissue plasminogen activator.
TTP	: Thrombotic thrombocytopenic purpura.
TZD	: Thiazolidinedione.
UPA	: Urokinase plasminogen activator.
UA	: Unstable angina.
UV	: Ultraviolet.
VCAM	: Vascular cell adhesion molecule.
VEGF	: Vascular endothelial growth factor.
VEGFR	: Vascular endothelial growth factor receptor.
WT	: Weight.
X	: Mean.

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