بسم الله الرحمن الرحيم

قال تعالى

اقْرَأْ بِاسْمِ رَبِّكَ الَّذِي خَلَقَ (1) خَلَقَ الْإِنْسَانَ مِنْ عَلَقٍ (2) اَقْرَأْ وَرَبُّكَ الْأَكْرَمُ (3) الَّذِي عَلَّمَ بِالْقَلَمِ (4) عَلَّمَ الْإِنْسَانَ مَا لَمْ يَعْلَمْ (5

سورة العلق من الآية 1-5

Dedication

To my mother

And

To the soul of my father

Acknowledgment

All praise and thanks to alla ,the almightily who blessed me with the courage of preparation and completion of this study.

I am seriously consider that this study would have not been possible without my supervisor Dr.mansour ,I should like to thank him for close \square arameter \square 1, guidance and advices.

Also, I would like to thank bahry hospital staff for close helpful, finally, I am very indebted to those pregnant women whom give samples to complete this work.

Abstract

Haemostatic parameter (PT,APTT, and TT) were performed in fifty pregnant ladies and fifty from non pregnant as control group to asses the possible changes on these parameter during pregnancy .these tests was done automatically using coagulometer .

The study was done in Bahry hospital, department of haematology between April to August 2011.

The result of study showed that the Parameters was significant higher of prothrombin time and activated partial thromboplastin time (PT and APTT) ,while statistically insignificant for thrombin time (TT).

Also, the study should that the haemostatic parameters unaffected by trimester and frequency of pregnancy therefore, it was recommended to investigate all pregnant ladies at different trimester for preventive correction.

اختبارات تخثر الدم(البروثرمبين,الثرمبوبلاستين النشط والثرومبين) اجريت لخمسين حامل واخريات غير حوامل كعينات قياسية لدراسة التغيرات المنطقية التى تحدث فى هذة الاختبارات بالطريقة الالية باستخدام جهاز الاختبارات اثناء فترة الحمل, اجريت هذة الاختبارات بالطريقة الالية بالكوقيلوميترز .

اجريت الدراسة بمستشفى بحرى شعبة امراض الدم فى الفترة بين ابريل-اغسطس 2011. خلصت الدراسة على ان هناك زيادة احصائية موثرة فى زمن كل من البروثرمبين والثرمبوبلاستين النشط بينما لا يتاثر زمن الثرومبين اثناء الحمل.

كذلك خلصت الدراسة على ان كل الاختبارات المزكورة (البروثرمبين,الثرمبوبلاسـتين النشـط . والثرومبين) لا تتاثر مطلقا بفترة الحمل الزمنية ولا بعدد مرات الحمل

لذلك اوصت الدراسة باجراء اختبارات تخثر الدم المزكورة لكل حامل لمنع النزيف والتجلط

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List of Abbreviation

AA	Arachidonic acid
ADP	Adenosine triphosphate
APTT	Activated partial thromboplastin time
DIC	Disseminated intravascular coagulation
DDAVP	Drug desmopressin active venous plasma
DRVVT	Dilute Russell Viper Venom Time
DVT	Deep vein thrombosis
HMWK	High-molecular-weight kininogen
INR	International normalized ratio
LA	Lupus anticoagulant
LNMP	Last normal menstrual period
PAI-1	Plasminogen activator inhibitor-1
PAI-2	Plasminogen activator inhibitor-2
PK	Prekallikrein
PT	Prothrombin time
TFPI	Tissue factor plasminogen inhibitor
TXA2	Throboxane A2
TT	Thrombin time
VWF	Von Willebrand factor