

THE EFFECT OF RECOMBINANT HUMAN
ERYTHROPOIETIN ON PLATELET AGGREGATION AND
VON WILLEBRAND FACTOR IN CHRONIC
HAEMODIALYSIS PATIENTS



THESIS

SUBMITTED IN THE PARTIAL FULFILLMENT OF
MASTER DEGREE IN CLINICAL AND CHEMICAL PATHOLOGY

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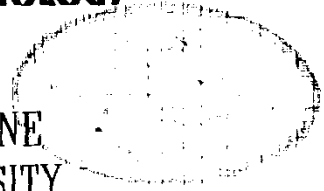
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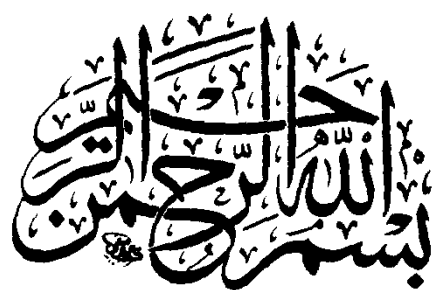
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1995







Acknowledgments.

I would like to express my deepest gratitude to Professor Nehayet Azmi, Professor of Clinical Pathology , Ain Shams University , for making this work possible in the first place . She was a source of constant encouragement , valuable direction and guidance .

I am deeply grateful to Professor Essam Khedr , Professor of internal Medicine and Nephrology , Ain Shams University , for his kind supervision and for the valuable directions he gave me .

I am indebted to Dr Mona Wahba , Lecturer in Clinical Pathology , Ain Shams University , for giving me an enormous amount of support , advice and for her endless patience .

I sincerely thank Dr Azza Sadek , Lecturer in Clinical Pathology , who helped me with the sorting of the early difficulties in the practical part of the thesis .

Finally I am deeply grateful to Dr Nahla Zakaria , Lecturer in Clinical Pathology , Ain Shams University for her generous help and valuable assistance .

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To my family

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List of abbreviations

- **ACD** : anaemia of chronic disease .
- **ADP** : adenosine diphosphate .
- **aggregat.** : aggregation .
- **AHF** : antihæmophilic factor .
- **AIDs** : acquired immunodeficiency syndrome .
- **AMP** : adenosine monophosphate .
- **A-V** : arteriovenous .
- **AZT** : zidovudine .
- **BFU - E** : burst forming unit - erythroid .
- **BT** : bleeding time .
- **BUN** : blood urea nitrogen .
- **CFU - E** : colony forming unit erythroid .
- **CFU - M** : colony forming unit megakaryocytes .
- **CFU - S** : colony forming unit spleen .
- **CFU - GEMM** : colony forming unit granulocyte - erythroid-monocytes - megakaryocytes .
- **Creat** : creatinine .
- **DDAVP** : 1-desamino- 8 - arginine vasopressin .
- **DNA** : deoxyribonucleic acid .
- **EDTA** : ethylenediamine tetra - acetic acid .
- **EPO** : erythropoietin .
- **F VIII : c** : Factor VIII : complement .
- **F VIII R : Ag** : Factor VIII related antigen .
- **GP Ib** : platelet glycoprotein Ib .
- **HB** : hæmoglobin .
- **HT** : Haematocrit .
- **Hep 3 B** : Human hepatoma cell line .
- **H.S.** : Highly significant .
- **IV** : intravenous .
- **K_d** : dissociation constant .

- **LIF** : leukaemia inhibitory factor .
- **MPV** : mean platelet volume .
- **m RNA** : messenger ribonucleic acid .
- **NS** : Non significant .
- **PGL₂** : prostaglandin L₂ .
- **Plat** : platelet.
- **PPP** : platelet poor plasma .
- **PRP** : platelet reach plasma .
- **RBC** : red blood cell .
- **RGD** : Arg - Gly - Asp .
- **r - HuEPO** : recombinant human erythropoietin .
- **RIA** : radioimmunoassay .
- **Risto** : ristocetin .
- **RNA** : ribonucleic acid .
- **rpm** : revolution per minute .
- **SD** : standard deviation .
- **Sig** : significant
- **vWF** : von Willebrand factor .
- **vWF : Ag** : von Willebrand factor antigen .
- **vWD** : von Willebrand disease .
- **WHO** : World health organization .

INTRODUCTION

