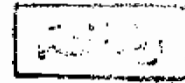


DC

Protein C Activity in Children with Hepatitis

Thesis
Submitted for partial Fulfillment of
M.D. Degree in
(Pediatrics)
by



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مُذَوَّلٌ
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بسم الله الرحمن الرحيم

" قالوا سبحانك لا علم لنا إلا ما علمتنا إنك
أنت العليم الحكيم "

صدق الله العظيم
سورة البقرة (٣٢)



Acknowledgment

First thanks to God

I would like to express my deep thanks and gratitude to my advisor and my professor, Prof. Dr. Fouad Badrawy, Professor of Pediatrics, Ain Shams University, for granting me the privilege of working under his supervision, his generous advice and great support throughout the whole work.

I wish to express my appreciation and deepest gratitude to my professor, Prof. Dr. Tarif Hamza Sallam, Professor of Clinical Pathology and Haematology, Ain Shams University for his considerable help and support throughout the whole work.

I am deeply grateful to Dr. Nancy Abd El Aziz Soliman, Assistant Prof. of Pediatrics, Ain Shams

University, for the generous help offered to me during this period in which it has been my good fortune to work under her supervision.

Also, I appreciate the generous help offered to me by Late Dr. Abd Alla Mohamed Backr, Lecturer of Clinical Pathology, National Center for Radiation, Research and Technology, for his great help and interest in the practical part of this work.

I would like to thank Dr. Alyaa Kotby and Dr. Ismail Sadek for their valuable help.

I will always remember with much appreciation the kind help and assistance of my colleagues, my patients and every one who participated to let this work come to such a final picture.

Contents

| | |
|---|-----|
| - List of abbreviations | 4 |
| - List of figures | 6 |
| - List of Tables | 7 |
| - Introduction and aim of the work | 8 |
| - Review of the literature | 10 |
| Chapter 1 : Biochemical Structure and synthesis of Protein C. | 10 |
| Chapter 2 : Physiological aspects of protein C. | 14 |
| Chapter 3 : Methods of assay of protein C in human plasma. | 37 |
| Chapter 4 : Normal protein C levels. | 44 |
| Chapter 5 : Clinical Deficiency Protein C. | |
| I- Hereditary P C deficiency | 46 |
| II- Acquired P C deficiency | 57 |
| Chapter 6 : Conditions associated with high level of protein C. | 77 |
| - Material and Methods. | 84 |
| - Results. | 97 |
| - Discussion. | 116 |
| - Summary and Conclusion. | 131 |
| - References. | 137 |
| - Arabic Summary. | 169 |

List of Abbreviations

| | |
|-------------------|---|
| A.A. | amino acid. |
| Ag | antigen. |
| Alb. | Albumin. |
| APC | activated protein C. |
| APCI | activated protein C inhibitor. |
| APTT | activated partial thromboplastin time. |
| AT _{III} | antithrombin III. |
| Ca ⁺⁺ | calcium ions. |
| DIC | disseminated intravascular coagulation. |
| DSB | direct serum bilirubin. |
| DVT | deep venous thrombosis. |
| ELISA | enzyme linked immunosorbent assay. |
| EPA | Epithelial plasminogen activators. |
| FV | Factor V. |
| FVa | activated factor V. |
| FXa | activated factor X. |
| Fig. | figure. |
| Glu | glutamic acid. |
| LVAD | Left ventricular assist devices. |
| Ig | immunoglobulin. |

| | |
|-----------|----------------------------------|
| mg | milligram. |
| ml | milliliter. |
| mol.wt. | molecular weight. |
| Norm | normal. |
| PAI | plasminogen activator inhibitor. |
| PAs | plasminogen activators. |
| PC | protein C. |
| PCI | protein C inhibitor. |
| pF-3 | platelet factor 3. |
| PS | protein S. |
| PT | prothrombin time. |
| PTT | partial thromboplastin time. |
| rpm | revolution per minute. |
| T.S.B | total serum bilirubin. |
| SD | standard deviation. |
| SGPT | serum glutamic transferase. |
| \bar{x} | mean value. |

List of Figures

| | | Page |
|----------|-----------------------------|------|
| Fig. (1) | Reference curve for P C | 94 |
| Fig. (2) | Comparison of S G P T | 100 |
| Fig. (3) | Comparison of mean T S B | 103 |
| Fig. (4) | Comparison of mean D S B | 106 |
| Fig. (5) | Comparison of serum albumin | 109 |
| Fig. (6) | Comparison of P T | 111 |
| Fig. (7) | Comparison of P T T | 113 |
| Fig. (8) | Comparison of P C | 115 |

List of Tables

| | Page |
|---|------|
| Table (1) Statistical comparison of S G P T | 99 |
| Table (2) Statistical comparison of T S B | 102 |
| Table (3) Statistical comparison of D S B | 105 |
| Table (4) Statistical comparison of S. Alb. | 108 |
| Table (5) Statistical comparison of P T | 110 |
| Table (6) Statistical comparison of P T T | 112 |
| Table (7) Statistical comparison of P C | 114 |

Introduction

Introduction :

Protein C is a vitamin K-dependent plasma protein which has anticoagulatory and profibrinolytic properties as a result of inactivating coagulation factors Va and VIIIa and enhancing fibrinolysis. It is synthesized by the liver parenchyma [Kemkes 1989].

Many reports are available relating the acquired or hereditary changes of protein C with conditions known to have hypercoagulability tendency.

Since protein C is synthesized and secreted by the hepatocytes, it is not surprising to find out that patients with liver disease have low concentrations of protein C in their plasma [Mannucci and Vigano 1982].