

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

**COMPARATIVE STUDY OF THE BLEEDING DIATHESIS
IN THE PRETERM AND SMALL FOR DATE
INFANTS WITH NORMAL FULLTERM
NEWBORNS**

THESIS

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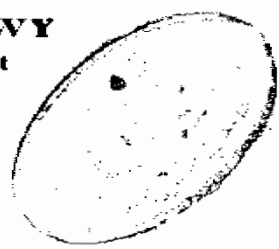
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DEDICATION

*This work is dedicated to the name of the
late Professor Dr. ABD EL-GHANY WESHAHY in
recognition of his valuable help and
encouragement.*

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ABBREVIATIONS USED IN THE THESIS

1- ADP	Adenosine Diphosphate.
2- ATP	Adenosine Triphosphate
3- 5-HT	5-hydroxytryptamine (Serotonin).
4- PF 3	Platelet factor 3
5-FDP	fibrinogen degradation products.
6-DIC	Disseminated intravascular coagulation.
7-AHF	Anti-hemophylic factor.
8-EDTA	Ethylene Diamine Tetra,acetic acid.
9-PTTK	Partial thromboplastin time with kaolin.
10-PCI	Prothrombin consumption Index.
11-Sec.	Second.
12-Min.	Minute.
13-M $\pm$ SD	Mean $\pm$ Standard deviation

INTRODUCTION AND
AIM OF WORK

INTRODUCTION AND AIM OF THE WORK

Disorders of the coagulation mechanism with their attendant complications - hemorrhage and thrombosis may be observed in as many as 1% of the newborns (Hathaway, 1970).

Bleeding in the newborn period can be broadly classified into six major categories viz:

1. Accentuation of transitory deficiency of coagulation factors.
2. Transitory disturbances of the coagulation mechanism that are a result of associated disease processes (disseminated intravascular coagulation- DIC).
3. Inherited, permanent abnormalities of the coagulation mechanism.
4. Quantitative or qualitative abnormalities of the platelets.
5. Vascular abnormalities.
6. Trauma, alone or in association with any of the other factors.

The aim of the present work was to study the bleeding diathesis in the preterm and small-for-date infants and to compare this with that of normal newborns.

Our results will be compared with those of other researches done in this field.

REVIEW OF LITERATURE