The Value of Umbilical Cord C-Peptide in Egyptian Infants of Non Diabetic Mothers & its Relation to Birth Weight

Thesis

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Master Degree in Pediatrics

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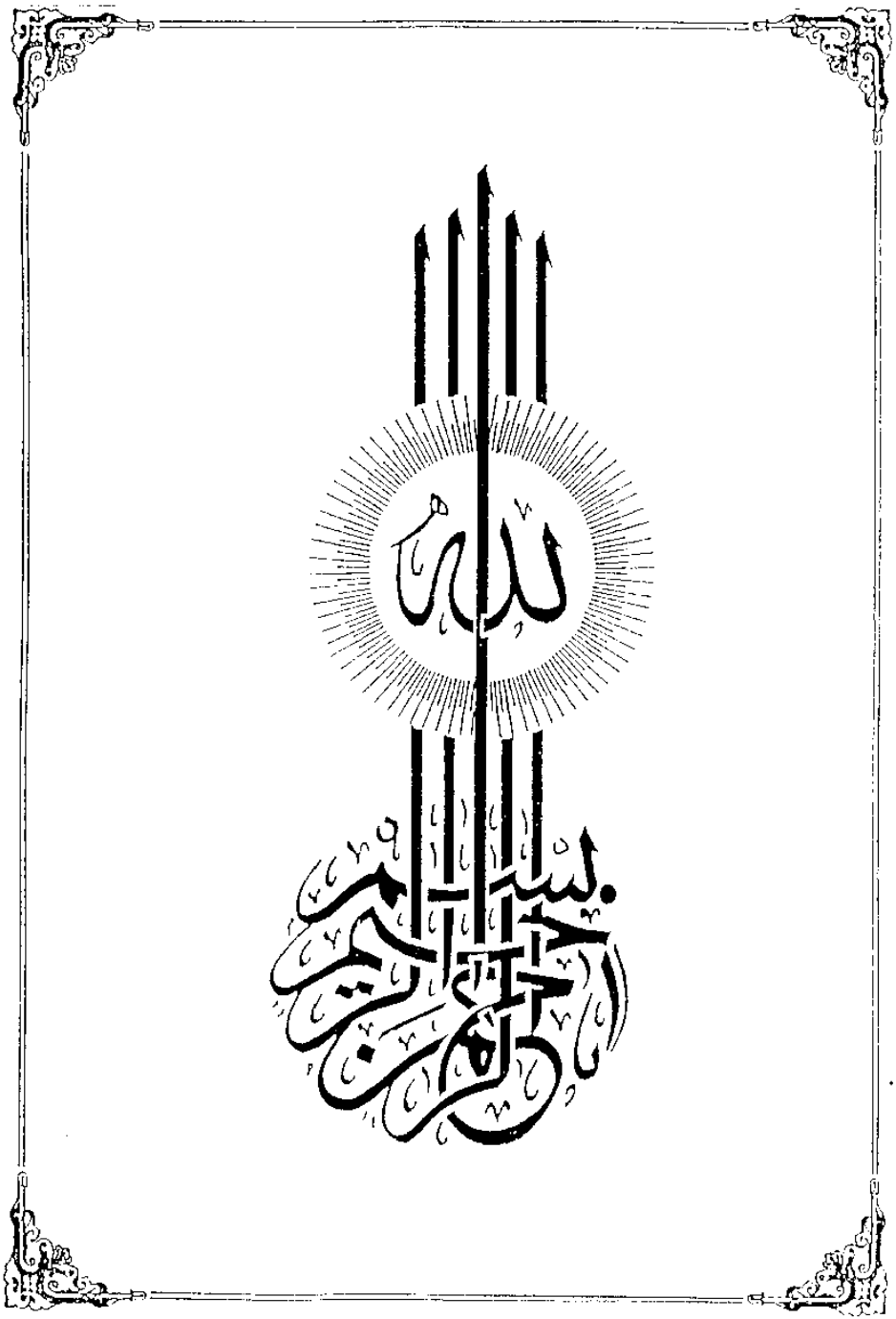

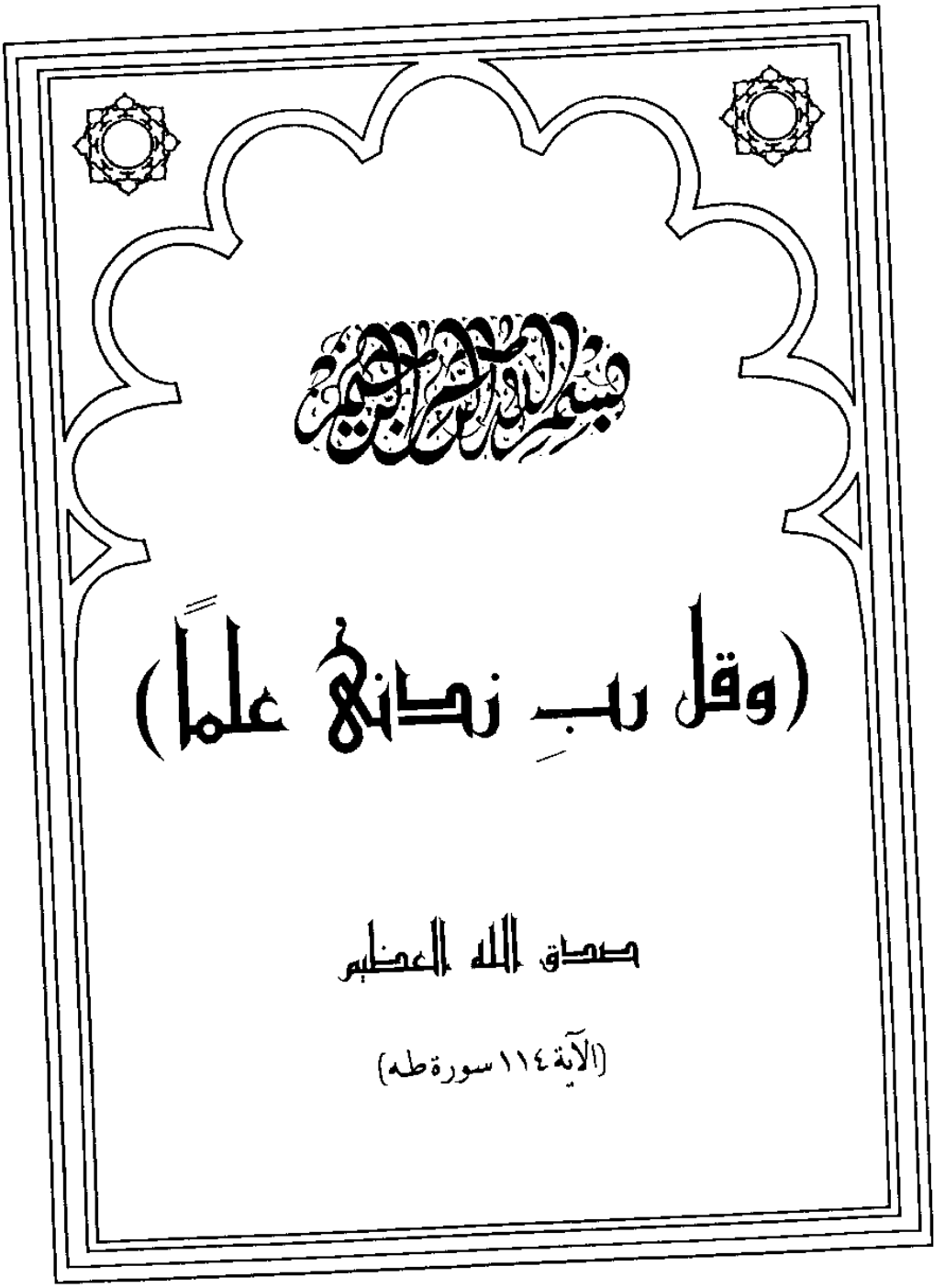

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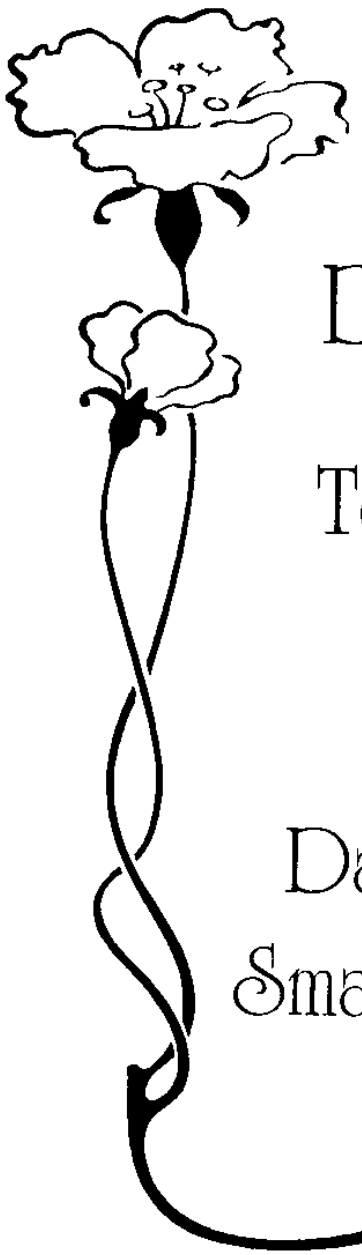

Dedication...

To My Mother,
Wife,
Son Kamal,
Daughter Hend,
Small Baby Osama.

Contents

List of Abbreviations

ACD	acid citrate dextrose
ACTH	adrenocorticotrophic hormone
ADP	adenosine diphosphate
AF-C-peptide	amniotic fluid connecting peptide
AGA	appropriate for gestational age
ANOVA	one way analysis of variance
ATP	adenosine triphosphate
BW	birth weight
Ca^{++}	calcium
cAMP	cyclic adenosine triphosphate
CCK	cholecystokinin
cDNA	coding deoxyribonucleic acid
cm	centimeter
CMV	cytomegalovirus
CNS	central nervous system
CS	cesarean section
Cys	cystein
DM	diabetes mellitus
DNA	deoxyribonucleic acid
Fig.	figure
G6PDH	glucose-6-phosphate dehydrogenase
GA	gestational age
GH	growth hormone
GIP	gastrointestinal peptides

(Abbrev.)	
GLP-I	glucagon like peptide-I
gm	gram
HGH	human growth hormone
HK	hexokinase
HPL	human placental lactogen
IDDM	insulin dependent diabetes mellitus
IDM	infant of diabetic mother
IGF(s)	insulin like growth factor
IGFBP	insulin like growth factor binding protein
IgG	immunoglobulin G
IUGR	intrauterine growth retardation
IV	intravenous
K^+	potassium
Kg	kilogram
LBW	low birth weight
LGA	large for gestational age
LMP	last menstrual period
mg/dl	milligram per deciliter
ml	milliliter
MW	molecular weight
NAD	nicotinamide adenine dinucleotide
NADH	nicotinamide adenine dinucleotide reduced form
NSILA	non suppressible insulin like activity
PL	placental lactogen
pmol/ml	pico mole/milliliter

(Abbrev.)	
RIA	radioimmunoassay
RNA	ribonucleic acid
rpm	revolutions per minute
SC	subcutaneous
SD	standard deviation
SGA	small for gestational age
TNDM	transient neonatal diabetes mellitus
TORCH	toxoplasmosis, others, rubella, cytomegalovirus and herpes
US NCHS	United States National Center of Health Statistics
µU	microunit
WHO	world health organization
wk	week(s)
yr	year(s)

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