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Prevalence of β -Thalassemia Carriers in Egyptian Population

Thesis

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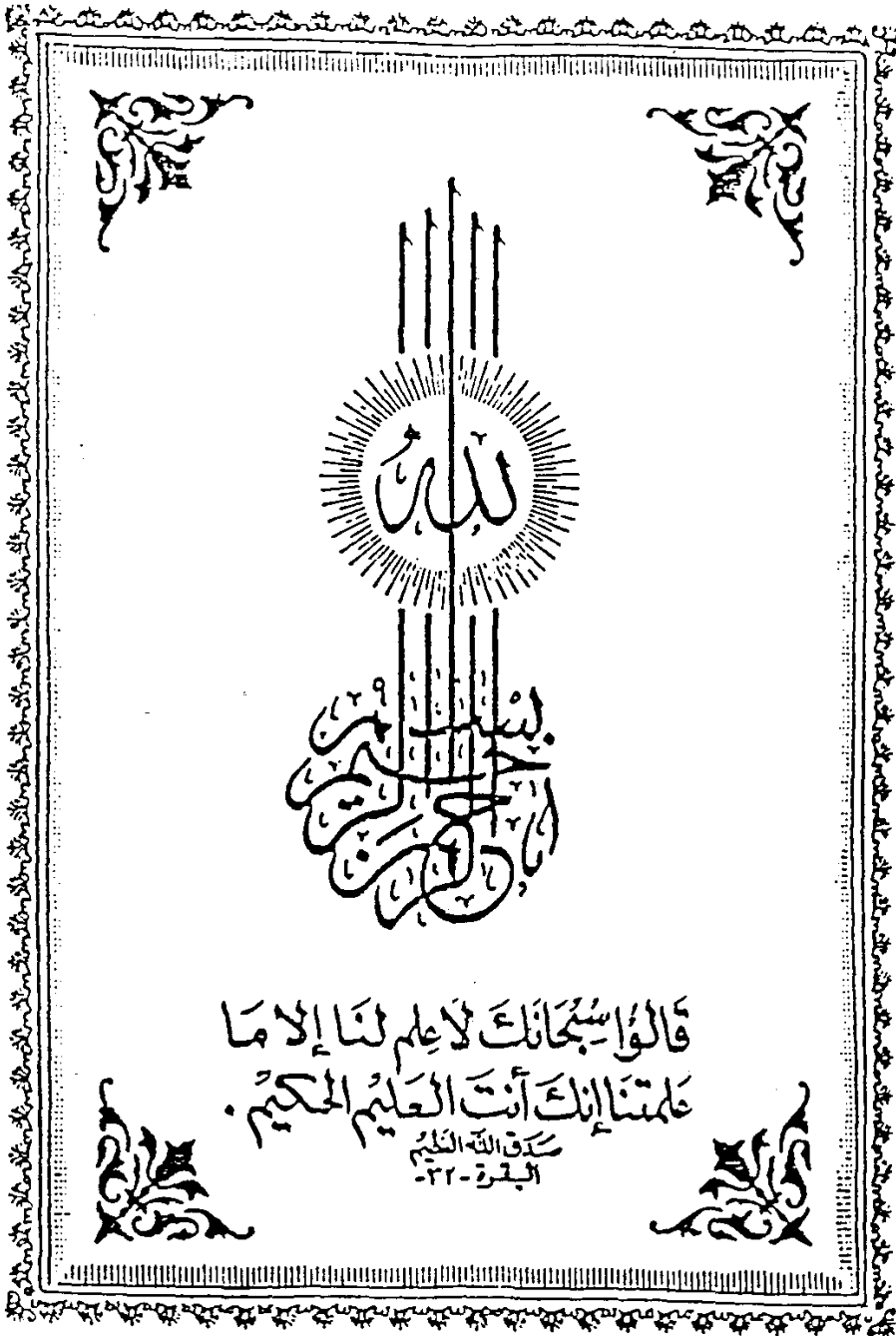
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List of Abbreviations

A -	=	Anaemia of microcytosis
AG	=	Adenine - Guanine
AIDS	=	Acquired immune deficiency syndrome
ARC	=	Aids related complex
ASO	=	Allele specific oligonucleotide.
ATA	=	Adenine - thymine - Adenine
BMT	=	Bone marrow transplantation.
bp	=	Base pair
CAG	=	Cytosine-Adenine - Guanine
Cys	=	Cystine
D-	=	Development of Hb
DF	=	Discriminant function
DFO	=	Deferoxamine mesylate
DGGE	=	Denaturing Gradient Gel Electrophoresis
DNA	=	Deoxy ribonucleic acid
DV	=	Discriminant value
EDTA	=	Ethylenediamine-tetra-acetic-acid
EF	=	Ejection fraction
F.Hb	=	Fetal hemoglobin.
Fig.	=	Figure
FL	=	femtolitre
FS	=	Fractional shortening.
FSH	=	Follicle-stimulating hormone
G-	=	Genetics of thalassemia
g/dl	=	Gram per decilitre
GT	=	Guanine-thymidine
Hb	=	Hemoglobin

HBcAb	=	Hepatitis B core antibody
HBsAg	=	Hepatitis B surface antigen
HBV	=	Hepatitis B virus
Hct	=	Hematocrit
HCV	=	Hepatitis C virus
HIV	=	Human immuno-deficiency virus
HPFH	=	Hereditary persistence of fetal hemoglobin
HPLC	=	High performance liquid chromatography
IVS	=	Intervening sequence
Kb	=	kilobase
L-	=	Literature of thalassemia
LCR	=	Locus control region
LVEDD	=	Left ventricular end diastolic diameter
LVESD	=	Left ventricular end systolic diameter
M -	=	Molecular Pathology
MCH	=	Mean corpuscular hemoglobin
MCHC	=	Mean corpuscular hemoglobin concentration
MCV	=	Mean corpuscular volume
mg/dl	=	Milligram per decilitre
mRNA	=	Messenger ribo nucleic acid.
P-	=	Prevention of thalassemia.
PCMB	=	Para chloro mercuribenzoate
PCR	=	Polymerase chain reaction
pg	=	Picogram
PMB	=	Para hydroxy mercuribenzoate
R -	=	Results
RBC	=	Red blood count
RFLP	=	Restriction fragment length polymorphism
RNA	=	Ribo nucleic acid

S-	=	Structure of Hb
Sd	=	Standard deviation
SGOT	=	Serum glutamic oxalacetic transaminase
SGPT	=	Serum glutamic pyruvic transaminase
SI	=	Serum iron
SSCP	=	Single strand confirmation polymorphism
TIBC	=	Total iron binding capacity
TQ	=	Transfusion quotient
tRNA	=	Transfer ribonucleic acid
Try	=	Tryptophan
Tyr	=	Tyrosine
WHO	=	World Health Organization

