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PULMONARY FUNCTION TESTING
IV
CHRONIC HAEMOLYTIC ANEMIA

Thesis Submitted for the Partial Fulfillment of the
Master Degree in Pediatrics

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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، الآية ٣٢

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Contents

	Page
List of abbreviations	
List of tables	
List of figures	
Introduction and aim of the work	1
Review of literature	3
• General classification of hemolytic anemia	3
• The thalassemias	5
<i>Definition</i>	5
<i>Prevalence and geographic distribution</i>	6
<i>Genetic mechanisms and molecular pathology</i>	8
<i>Pathophysiology</i>	12
<i>Clinical and laboratory features</i>	14
<i>Management of thalassemia</i>	23
• Pulmonary function testing	32
<i>Classification of pulmonary functions</i>	32
<i>Equipment</i>	38
<i>Physiological classification of pulmonary dysfunction</i>	43
<i>Reproducibility and acceptability criteria</i>	48
• Pulmonary function in chronic hemolytic anemia	49
<i>Pathophysiology</i>	50
<i>Patterns of pulmonary function abnormality in thalassemic patients</i>	56
Subjects and Methods	59
• Subjects	59
• Methods	59
<i>Full history</i>	59
<i>Thorough clinical examination</i>	61
<i>Laboratory investigations</i>	64
<i>Complete blood picture (hemogram)</i>	
<i>Serum ferritin level by ELISA technique</i>	
<i>Chest X-ray</i>	67

Roman

<i>Electrocardiography</i>	67
<i>Pulmonary function testing</i>	67
<i>Echocardiography</i>	69
<i>Statistical analysis (data processing)</i>	70
Results	72
Discussion	116
Summary and conclusion	139
Recommendations	143
References	145
Arabic summary	

List of abbreviations

α :	alpha
β :	beta
γ :	gamma
δ :	delta
ϵ :	epsilon
ζ :	zeta
Ao.R.D.:	aortic root dimension
CTR:	Cardiothoracic ratio
DNA:	Deoxyribonucleic acid
ECG:	Electrocardiography
EF:	Ejection fraction
ELISA:	Enzyme linked immunosorbent assay
ERV:	Expiratory reserve volume
FEF ₂₅₋₇₅ :	Forced expiratory flow at 25%-75% of forced vital capacity
FEV ₁ :	Forced expiratory volume in 1st second
Fig.:	Figure
FRC:	Functional residual capacity
FVC:	Forced vital capacity
G6PD:	Glucose-6-phosphate dehydrogenase
Hb:	Haemoglobin
HBsAG:	Hepatitis B surface antigen
HBV:	Hepatitis B virus
HLA:	Human leucocyte antigen
H. Sig.:	Highly significant
IGF-I:	Insulin like growth factor-I
IL-3:	Interleukin 3
IL-6:	Interleukin 6
IRV:	Inspiratory reserve volume
IVS ₁ :	Interventricular septum

IVS ₂ :	Intervenning sequence
LAD:	Left atrial dimension
LV:	Left ventricle
LVEDD:	Left ventricular end diastolic dimension
LVESD:	Left ventricular end systolic dimension
LVPWT:	Left ventricular posterior wall thickness
MCHC:	Mean corpuscular haemoglobin concentration
MCV:	Mean corpuscular volume
N.S.:	Non-significant
PCR:	Polymerase chain reaction
Pred.:	Predicted
PEFR:	Peak expiratory flow rate
r:	Coefficient of correlation
R.V.:	Residual volume
R.V.E.D.D:	Right ventricular end diastolic dimension
S.D.:	Standard deviation
SHAM:	Salicyl hydroxamic acid
TLC:	Total lung capacity
T.V.:	Tidal volume
V.C.:	Vital capacity
X:	mean

List of tables

	Page
Table 1:	40
Criteria for acceptable spirometry in children	
Table 2:	42
The normal values for selected pediatric pulmonary functions measurements	
Table 3:	46
Respiratory parameters in both obstructive and restrictive lung disease	
Table 4:	62
Sex maturity stages in girls	
Table 5:	63
Sex maturity stages in boys	
Table 6:	72
Age and sex distribution in the 3 studied groups and control	
Table 7:	77
Duration of the disease in the 3 groups	
Table 8:	74
Last year's cumulative volume of transfusion before the present study	
Table 9:	74
Height and weight distribution in the 3 groups and control	
Table 10 a,b,c:	75
Sex maturity staging in individual cases in the three groups	
Table 11 a,b:	77
Comparison of the clinical data between the control group and the studied cases	

Table 12:	78
Comparison of the clinical data between group I and group II	
Table 13:	79
Hb% and serum ferritin level among the 3 studied groups and control	
Table 14:	81
Comparison of laboratory data between cases and control	
Table 15 a,b:	82
Comparison between control group, group I and group II regarding serum ferritin	
Table 16:	83
Comparison between group I and group II regarding serum ferritin	
Table 17:	84
The results of pulmonary function obtained by spirometry among cases and control	
Table 18:	85
Comparison of pulmonary function results between cases and control	
Table 19 a,b:	86
Comparison between control group, group I and group II regarding pulmonary function results.	
Table 20:	87
Comparison between group I and group II regarding pulmonary function results	
Table 21:	91
Correlation between pulmonary function results and transfusion duration & serum ferritin	
Table 22 a,b:	97
The effect of chelation and its type on pulmonary function results and serum ferritin level	

Table 23:	99
X-ray finding among cases of the 3 groups	
Table 24:	100
ECG changes among cases of the 3 groups	
Table 25:	102
Echocardiographic changes observed in patients with impaired pulmonary functions	
Table 26:	104
Clinical data of group I	
Table 27:	105
Pulmonary function results and laboratory data of group I	
Table 28:	106
Clinical data of group II	
Table 29:	107
Pulmonary function results and laboratory data of group II	
Table 30:	108
Clinical data of group III	
Table 31:	109
Pulmonary function results and laboratory data of group III	
Table 32:	110
Clinical data of control group	
Table 33:	111
Pulmonary function results and laboratory data of control group	

List of figures

	Page
Figure 1: Organization of the α and β globin gene clustures.	8
Figure 2: A normal spirogram	34
Figure 3: Volume-time plot	36
Figure 4: Normal versus inadequate volume spirometry tracing	41
Figure 5: A standard flow volume graph from adolescent	44
Figure 6: Comparison of flow volume and volume time pots in normal and disease states	47
Figure 7: Mid-graphic spirometry 1070-series II	67
Figure 8: Mean transfusion duration in the 3 studied groups	73
Figure 9: Mean serum ferritin in the 3 studied groups and control	80
Figure 10: Mean FVC/Predicted%, among the 3 studied groups and controls	88
Figure 11: Mean FEV1%/Pred%, among the 3 studied groups and control	89
Figure 12: Mean FEV1/FVC% among the 3 studied groups and control	90