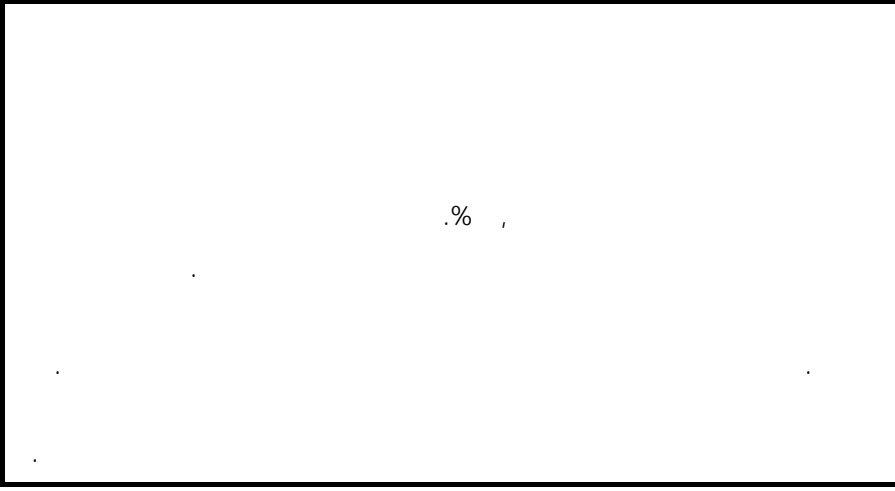

أهمية التشخيص الجنيني الدوري عند الحوامل
بالتلاسيميا للحد من الإصابات الخلقية بالتلاسيميا
الكبرى

*



*

The Importance of Antenatal Diagnostic Procedures in The Minor Thalassaemic Pregnant Women to Decrease The Incidence of Congenital Major Thalassaemia

Nazeer Yasmeeneh*

Abstract

Thalassaemia is a common disease in the medetereanean sea countres including Syria.

A study was done on 44 women with thalassaemia, showed that all children of these women were suffering from thalassemia. And that the positive consanguinity in there familis was 65.9%.

Most of the cases of thalassemia were found in the area around Damascus and at the Syrian coast (North west Syria).

Untill now in Syria there is No center for thalassaemia that can diangnose and Treat and manage thalassaemia patients, So many Patients travel to other countries who have Such centers, the nearest center is in Cyprus, but the costs a in Money and time were very high.

The affected women were sent to Cyprus where prenatal diagnostic methods were done during pregnancy, Prenatal and Postnatal Diagnosis were the same.

*Department of Obstetrics and Gynecology – Faculty of Medicine – Damascus University.

% F

%

%

.%

.[1]

A

.[3]

% -

f

% - a2

.%

F

.[9] A2

%

:A

▪

% -

F

A2

A

.% -

▪

A2

F

A

.[1] F

%

:A2

▪

A

%

.[1]

% ,

:F

▪

.[9]

. [11] ()

(%)
(%)

. [11] (%) . [10]

. [11]

%



[5]

()

:

▪

C

-

%

▪

▪

[10]

▪

.[2]

-



.[11]



.[11]



.[10]

%

.[12]

:

-

.% ,

DNA

Trophoplasts

MCV

.[1]

DNA

.[5]

DNA

:

Southern

.blotting

Hybridization

B/ γ



% , Alter

B

RFLPs

[1]

B

()

γ

α

[10]

B

DNA

Oligonucleotides

[3]

%

%

%

%

%

Restriction fragment length
(RFLPs) polymorphism analysis

RFLPs

/

DNA

% ,		
% ,		
% ,		

: % , % , % ,

	n = 80		n = 44	
% ,		% ,		
% ,		% ,		-
% ,		%		-
%		% ,		-
% ,		% ,		-
% ,				

%

:

%

% ,		/
% ,		/

/ % , / WHO
/

/ / % ,
/ / . /

:

% ,		
% ,		
% ,		

)

(

% ,

:

()

(

)

()



:

% ,		
% ,		
%		

: () =

=

()

()

:

المصادر

- 1- Cecil Principle of internal Medicine. 19 th edition (1991)
- 2- Fairbands V F, Beuter E: Erythrocyte disorders - anemia related to disturbances of hemoglobin synthesis. In Hematology. Edited by W. J. Williams, E. Beutler, A. J. Erslev, M. A. Lichtman. New York- McGraw Hill Book Company, 1993.
- 3- G. C. Degruchy - Clinical Heamatology in Medical practice. (1980)
- 4- Laros, Jr. R K: The hemiglobinopathies. In Blood Disorders in Pregnancy. Edited by R. K. Laros, Jr. Philadephia, Lea & Febiger, 1986.
- 5- Linker CA: Congenital disorders of homeostasis. In Blood Disorders in Pregnancy. Edited by R. K. Laros, Jr Philadelphia - Lea & Febiger, 1986.
- 6- Managment protocol for the Treatment of Thalassemia Patients (1 992)
- 7- Short Guide to the Managment of Thalassemia (1 994).
- 8- What is Thalassaemia? By Rino Vullos and Bernadette modell-From Thalassemia International Federation (1991).
- 9- William's Obstetrics. F. C. Cunningham, P. C. MacDonald, N. F. Gant eds. Hematological Disorders. 20th ed. Philadelphia, McGraw Hill, 1996.
- 10- W. Kyank, R. Schwarz, J. Frenzel, Geburtshilfe, Z. 156, 1990.

/ / :

// :