

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم

Patient name: عباس عبد الدائم

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	4.7 $\times 10^3 / \mu\text{L}$	MON	07 %
R.B.C	5.12 $\times 10^6 / \mu\text{L}$	NEUT	52 %
Hb	14.1 g/dL	EOS	02 %
PCV	45.3 %	RDW_SD	fL
MCV	88.5 fL	RDW_CV	%
MCH	27.5 Pg	PDW	fL
MCHC	31.1 g/dL	MPV	fL
PLT	100 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	31 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed normal

Platelets adequate & normal

Opinion: hypochromic anemia For Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم م

Patient name: محمد المبارك

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	5.5 $\times 10^3 / \mu\text{L}$	MON	07 %
R.B.C	4.79 $\times 10^6 / \mu\text{L}$	NEUT	41 %
Hb	12.2 g/dL	EOS	02 %
PCV	40.7 %	RDW_SD	fL
MCV	85.0 fL	RDW_CV	%
MCH	25.5 Pg	PDW	fL
MCHC	30.0 g/dL	MPV	fL
PLT	179 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	36 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed normal

Platelets adequate & normal

Opinion: hypochromic anemia For Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم

Patient name: هجو محمد الحاج بابكر

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	6.7 x10 ³ /μL	MON	07 %
R.B.C	5.73 x10 ⁶ /μL	NEUT	0 %
Hb	14.1 g/dL	EOS	02 %
PCV	47.3 %	RDW SD	fL
MCV	82.5 fL	RDW CV	%
MCH	24.6 Pg	PDW	fL
MCHC	29.8 g/dL	MPV	fL
PLT	206 x10 ³ /μL	L_PCR	%
LYM	40 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed normal

Platelets adequate & normal

Opinion: hypochromic anemia

For Hb F, Hb electrophoresis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم

Patient name: هيام ابراهيم

:Lab. number

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	12.0 x10 ³ /μL	MON	04 %
R.B.C	5.83 x10 ⁶ /μL	NEUT	45 %
Hb	10.8 g/dL	EOS	06 %
PCV	38.5 %	RDW SD	fL
MCV	66.0 fL	RDW CV	%
MCH	18.5 Pg	PDW	fL
MCHC	28.1 g/dL	MPV	fL
PLT	319 x10 ³ /μL	L_PCR	%
LYM	45 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed esoiuophilia

Platelets adequate & normal

Opinion: picture consistent with B-thalassaemia for

Hb F, Hb electrophoresis

مركز أمد رمان التشخيص والعلاجي

د.سناء الطاهر عبد الله
اخصائى التحاليل الطبية
الخرطوم

Patient name: عبد الله محمد عبد القادر
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	7.7 $\times 10^3 / \mu\text{L}$	MON	07 %
R.B.C	6.64 $\times 10^6 / \mu\text{L}$	NEUT	62 %
Hb	11.8 g/dL	EOS	07 %
PCV	42.6 %	RDW_SD	fL
MCV	24.2 fL	RDW_CV	%
MCH	17.8 Pg	PDW	fL
MCHC	27.7 g/dL	MPV	fL
PLT	234 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	24 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells
W.B.Cs showed esoiuophilia
Platelets adequate & normal
Opinion: picture consistent with B-thalassaemia for
Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
اخصائى التحاليل الطبية
الخرطوم

Patient name: برعي عبد القادر
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	6.7 $\times 10^3 / \mu\text{L}$	MON	04 %
R.B.C	4.01 $\times 10^6 / \mu\text{L}$	NEUT	50 %
Hb	10.4 g/dL	EOS	08 %
PCV	34.0 %	RDW_SD	fL
MCV	84.8 fL	RDW_CV	%
MCH	25.9 Pg	PDW	fL
MCHC	30.6 g/dL	MPV	fL
PLT	283 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	38 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic
W.B.Cs showed esoiuophilia
Platelets adequate & normal,
Opinion: hypochromic anemia, For Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله

**اخصائى التحاليل الطبية
الخرطوم**

Patient name: فدوي محمد عبد القادر
:Lab. number
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	5.9 $\times 10^3 / \mu\text{L}$	MON	07 %
R.B.C	4.82 $\times 10^6 / \mu\text{L}$	NEUT	52 %
Hb	11.5 g/dL	EOS	04 %
PCV	37.9 %	RDW SD	fL
MCV	78.6 fL	RDW CV	%
MCH	23.9 Pg	PDW	fL
MCHC	30.3 g/dL	MPV	fL
PLT	357 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	37 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic
W.B.Cs showed normal
Platelets adequate & normal
Opinion: hypochromic anemia, For Hb F , Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
اخصائى التحاليل الطبية
الخرطوم

Patient name: ريا الطيب
:Lab. number
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	6.1 $\times 10^3 / \mu\text{L}$	MON	06 %
R.B.C	4.51 $\times 10^6 / \mu\text{L}$	NEUT	54 %
Hb	11.7 g/dL	EOS	02 %
PCV	37.8 %	RDW SD	fL
MCV	83.8 fL	RDW CV	%
MCH	25.9 Pg	PDW	fL
MCHC	31.0 g/dL	MPV	fL
PLT	190 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	38 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic
W.B.Cs showed normal
Platelets adequate & normal
Opinion: hypochromic anemia For Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله

**اخصائى التحاليل الطبية
الخرطوم**

Patient name: محمد زين
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	15.0 $\times 10^3 / \mu\text{L}$	MON	04 %
R.B.C	6.06 $\times 10^6 / \mu\text{L}$	NEUT	54 %
Hb	12.0 g/dL	EOS	10 %
PCV	41.7 %	RDW_SD	fL
MCV	68.8 fL	RDW_CV	%
MCH	19.8 Pg	PDW	fL
MCHC	28.8 g/dL	MPV	fL
PLT	347 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	32 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells
W.B.Cs showed eosinophilia
Platelets adequate & normal
Opinion: picture consistent with B-thalassaemia for
Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
اخصائى التحاليل الطبية
الخرطوم

Patient name: هاشم احمد عبد الله
:Lab. number
Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	9.7 $\times 10^3 / \mu\text{L}$	MON	06 %
R.B.C	6.74 $\times 10^6 / \mu\text{L}$	NEUT	56 %
Hb	13.1 g/dL	EOS	07 %
PCV	46.9 %	RDW_SD	fL
MCV	69.6 fL	RDW_CV	%
MCH	19.4 Pg	PDW	fL
MCHC	27.9 g/dL	MPV	fL
PLT	234 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	30 %	Bas	01 %

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells
W.B.Cs showed eosinophilia
Platelets adequate & normal
Opinion: picture consistent with B-thalassaemia for
Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
اخصائى التحاليل الطبية

الخرطوم

Patient name: فاطمة عبد القادر

:Lab. number

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	4.9 $\times 10^3 / \mu\text{L}$	MON	04 %
R.B.C	4.37 $\times 10^6 / \mu\text{L}$	NEUT	30 %
Hb	10.8 g/dL	EOS	02 %
PCV	35.8 %	RDW_SD	fL
MCV	81.9 fL	RDW_CV	%
MCH	24.7 Pg	PDW	fL
MCHC	30.2 g/dL	MPV	fL
PLT	278 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	54 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed normal

Platelets adequate & normal

Opinion: hypochromic anemia, For Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم

Patient name: مني يوسف الحاج

:Lab. number

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	5.4 $\times 10^3 / \mu\text{L}$	MON	06 %
R.B.C	5.01 $\times 10^6 / \mu\text{L}$	NEUT	46 %
Hb	10.6 g/dL	EOS	02 %
PCV	36.8 %	RDW_SD	fL
MCV	73.5 fL	RDW_CV	%
MCH	12.2 Pg	PDW	fL
MCHC	28.8 g/dL	MPV	fL
PLT	347 $\times 10^3 / \mu\text{L}$	L_PCR	%
LYM	46 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed normal

Platelets adequate & normal

Opinion: picture consistent with B-thalassaemia for

Hb F, Hb electrophorsis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية

الخرطوم

Patient name: الرسالة محمد

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	6.1 $\times 10^3$ / μ L	MON	05 %
R.B.C	4.86 $\times 10^6$ / μ L	NEUT	50 %
Hb	11.7 g/dL	EOS	02 %
PCV	37.7 %	RDW_SD	fL
MCV	77.6 fL	RDW_CV	%
MCH	24.1 Pg	PDW	fL
MCHC	31.0 g/dL	MPV	fL
PLT	218 $\times 10^3$ / μ L	L_PCR	%
LYM	43 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic

W.B.Cs showed normal

Platelets adequate & normal

Opinion: hypochromic anemia, For Hb F, Hb electrophoresis

مركز أمد رمان التشخيص والعلاجي
د.سناء الطاهر عبد الله
أخصائي التحاليل الطبية
الخرطوم

Patient name: عطره محمد

Date received: 3/ 12/2008

Complete Haemogram

Result		Result	
WBC	3.8 $\times 10^3$ / μ L	MON	05 %
R.B.C	4.07 $\times 10^6$ / μ L	NEUT	45 %
Hb	8.5 g/dL	EOS	03 %
PCV	28.0 %	RDW_SD	fL
MCV	68.8 fL	RDW_CV	%
MCH	20.9 Pg	PDW	fL
MCHC	30.4 g/dL	MPV	fL
PLT	150 $\times 10^3$ / μ L	L_PCR	%
LYM	57 %		

FILM APPEARANCE:

R.B.Cs showed hypochromic microcytic e target cells

W.B.Cs showed Neutrophilia

Platelets adequate & normal

Opinion: picture consistent with B-thalassaemia for
Hb F, Hb electrophoresis

:(Patient's data in SPSS (M=male & F=female

No	Age	Gender	Hb	RBCs	PCV	MCV	MCH	MCHC	Hb F
1	86	M	15.6	5.69	47.40	83.30	27.4	32.90	3.8
2	25	M	14.6	5.45	38.30	88.60	0	30.20	2.4
3	42	M	14.6	5.33	46.90	87.20	26.8	31.10	6.3
4	50	M	14.5	5.86	48.50	82.80	0	29.90	3.8
5	26	M	14.4	5.61	47.70	85.00	27.1	30.20	2.8
6	38	M	14.1	5.73	47.30	82.50	0	29.80	1.6
7	19	M	13.8	5.34	46.40	86.90	24.7	29.70	2.0
8	26	M	13.6	4.78	44.20	92.50	0	30.80	3.1
9	26	M	13.1	6.74	46.90	69.60	25.7	27.90	2.6
10	11	M	12.3	4.62	39.00	84.40	0	31.50	4.2
11	10	M	12.3	4.88	40.40	82.80	24.6	30.40	3.8
12	15	M	12.2	4.79	40.70	85.00	0	30.00	6.3
13	16	M	12.0	4.53	39.30	86.80	25.8	30.50	2.5
14	13	M	12.0	6.06	41.70	68.80	0	28.80	6.7
15	15	M	11.8	6.64	42.60	64.20	28.5	27.70	1.5
16	10	M	11.7	4.53	38.00	83.90	0	30.80	4.2
17	10	M	11.7	4.35	38.70	89.00	19.4	30.20	6.3
18	10	M	11.3	4.38	36.50	83.30	0	31.00	2.8
19	10	M	11.1	4.23	35.00	82.70	26.6	31.70	1.9
20	14	M	10.4	4.01	34.00	84.80	0	30.60	1.6
21	11	M	10.1	5.54	35.30	63.70	25.2	28.60	4.2
22	16	M	10.1	5.30	35.70	67.40	0	28.30	3.8
23	45	F	7.5	5.15	30.50	59.20	25.5	24.60	2.7
24	30	F	8.5	4.07	28.00	68.80	0	30.40	5.0
25	20	F	10.6	5.01	36.80	73.50	26.5	28.80	5.8
26	25	F	10.8	4.37	35.80	81.90	0	30.20	1.8
27	35	F	10.8	5.72	36.90	64.50	19.8	29.30	2.8
28	10	F	10.8	5.83	38.50	66.00	0	28.10	2.5
29	13	F	10.9	4.17	34.60	83.00	17.8	31.50	1.8
30	19	F	11.1	3.85	33.60	87.30	0	33.00	4.2
31	45	F	11.2	5.93	39.70	66.90	25.8	28.20	2.3
32	24	F	11.4	5.05	38.30	75.80	0	29.80	2.1
33	23	F	11.4	5.82	39.70	68.20	26.9	28.70	2.5
34	10	F	11.5	4.82	37.90	78.60	0	30.30	3.3
35	65	F	11.5	6.11	40.60	66.40	25.8	28.30	2.3
36	15	F	11.6	5.91	40.50	68.50	0	28.60	1.9
37	23	F	11.7	4.86	37.70	77.60	26.2	31.00	1.7
38	24	F	11.7	4.51	37.80	83.80	0	31.00	2.1
39	50	F	12.1	4.48	38.90	86.80	25.9	31.10	2.9
40	14	F	12.1	5.04	39.80	79.00	0	30.40	1.7
41	65	F	12.2	5.01	40.30	80.40	18.2	30.30	1.9
42	27	F	12.3	4.52	39.50	87.40	0	31.10	3.1
43	11	F	12.4	5.09	40.40	79.40	19.1	30.70	1.8
44	19	F	12.5	4.52	40.20	88.90	0	31.10	2.5
45	24	F	12.5	4.81	41.40	86.10	14.6	30.20	2.8
46	98	F	13.1	4.84	42.20	88.40	0	30.60	2.1
47	14	F	13.1	5.31	42.50	80.00	20.9	30.80	2.9
48	22	F	13.6	5.20	45.40	87.30	0	30.00	1.8
49	25	F	13.7	5.18	44.30	85.50	12.2	30.90	1.9
50	65	F	14.7	5.37	47.50	88.50	0	30.90	3.8
							24.7		
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							18.9		
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							18.5		

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