

# Blood Cell Analysis Report (2006-02-02)

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	WBC	3.4	3.5-10.0	X10E9/L
2	MXD%	0.193	0.05-0.12	
3	NEUT%	0.65	0.5-0.7	
4	LYMPH%	0.157	0.2-0.45	
5	NEUT#	2.2	2.0-4.0	X10E9/L
6	LYMPH#	0.5	1.0-3.3	X10E9/L
7	RBC	3.82	3.45-6.50	X10E12/L
8	HGB	102	115-180	g/L
9	HCT	0.294	0.35-0.55	
10	MCV	77.0	78.8-100	fL
11	MCH	26.7	27-32	pg
12	MCHC	347	300-360	g/L
13	PLT	112	80-300	X10E9/L
14	MXD#	0.7	0.2-0.7	X10E9/L

(Note: Terms in red indicate abnormal value.)

# Bone Marrow Test Report (2006-02-02)

Xi Jing Hospital, Xi'an, China

No.	Term	Blood Film (%)	Marrow	
			(%)	Reference Value
1	Myeloblast		1.2	0.31-0.97
2	Promyelocyte		2.0	0.97-2.17
3	Myelocyte		6.8	5.93-9.87
4	Metamyelocyte		9.2	5.93-9.87
5	Neutrophilic Granulocyte Band Form	31.0	22.4	20.22-27.22
6	Neutrophilic Segmented Granulocyte	40.0	9.2	6.52-12.36
7	Eosinophilic Myelocyte		0.4	0.15-0.61
8	Eosinophilic Metamyelocyte		0.4	0.17-0.81
9	Eosinophilic Granulocyte Band Form		1.2	0.64-1.86
10	Eosinophilic Segmented Granulocyte		0.8	0.25-1.47
11	Basophilic Granulocyte Band Form	1.0		0.01-0.19
12	Pronormoblast			0.27-0.87
13	Prorubricyte		0.4	0.51-1.33
14	Polychromatic Normoblast		8.8	5.50-9.32
15	Orthochromatic Normoblast		19.2	8.39-13.11
16	Primitive Lymphocyte			0-0.14
17	Juvenile Lymphocyte			0-1.31
18	Mature Lymphocyte	5.0	14.0	15.74-29.82
19	Mature Plasma Cell		0.4	0.29-1.13
20	Mature Monocyte	15.0	3.6	2.12-3.88
21	Heterotypic Lymphocyte	8.0		
22	Primitive Megakaryocyte			0-3
23	Juvenile Megakaryocyte			0-10
24	Granular Megakaryocyte			50-130
25	Mature Megakaryocyte			
26	Naked Nucleus Megakaryocyte			

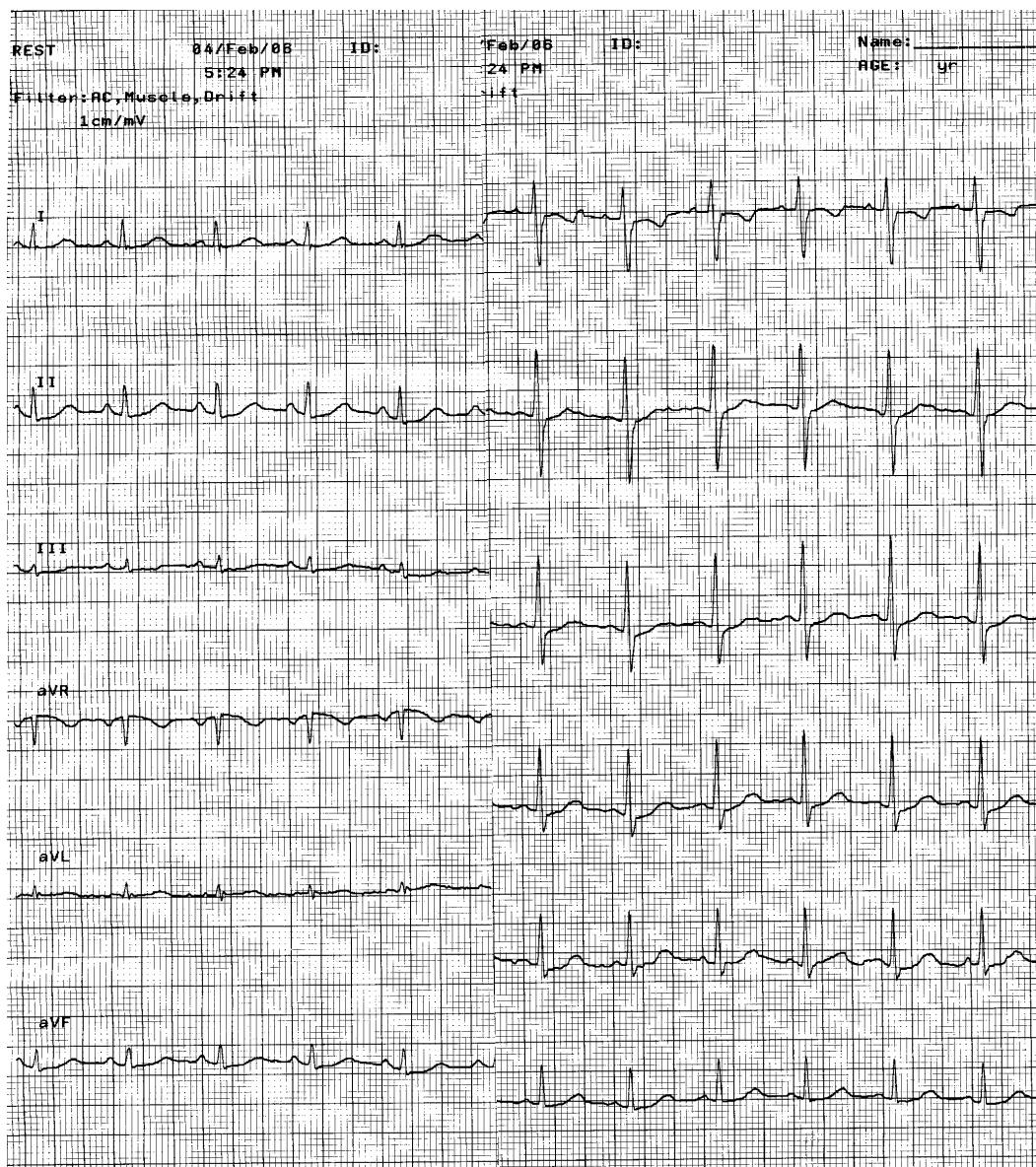
(Note: Terms in red indicate abnormal value.)

**Comments:**

1. The marrow is collected from the ilium bone.
2. The ratio of granulocyte to erythrocyte (red blood cell) is 1.9.
3. Granulocyte accounts for 53.6% in the marrow sample. The cell ratio is within normal range at all stages. A few myelocytes demonstrate imbalance in cell plasma development. Several granulocytes show chromatin and cell membrane dissolving.
4. Erythrocyte account for 53.6% in the marrow sample. The ratio of orthochromatic normoblast is above the normal. Some of the red blood cells have small size, with less cell plasma. The division/segmentation of nucleus, as well as double nucleus normoblast, can be found in the marrow sample. The size of mature red cells varies. Some of the cells have light stain.
5. The ratio of lymphocyte is below the normal. Heterotypic lymphocytes can be found in the marrow sample.
6. Six megakaryocytes are found in the marrow sample. The platelet presents in scattered or clustered form.
7. Heterotypic Lymphocytes account for 8% in the blood film. Single-nucleus and band-form granulocytes are observed. The size of mature red cells varies. Some of the cells have light stain. The platelet presents in scattered or clustered form.

# ECG Report (2006-02-04)

Xi Jing Hospital, Xi'an, China



## Comments:

ECG shows normal.

# Biochemical Test Report on Liver Function, Kidney Function, Blood Sugar, Triglyceride, LDH, etc. (2006-02-05)

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	ALT	13	0-40	IU/L
2	AST	13	0-40	IU/L
3	TP	52	60-87	g/L
4	ALB	31.5	37-55	g/L
5	G	20.5	23-32	g/L
6	TBIL	12.9	6.0-19.2	umol/L
7	DBIL	7.2	1.7-6.8	umol/L
8	IBIL	5.7	6.8-12.0	umol/L
9	ALP	67	15-121	IU/L
10	GGT	9	0-52	IU/L
11	TBA	7.0	0.0-15.0	umol/L
12	LAP	24.2	30-70	IU/L
13	A/G	1.54	1.5-2.5	
14	AST/ALT	1.00		
15	BU	2.4	2.8-7.2	mmol/L
16	CRE	58	53-125	umol/L
17	GLU	7.2	3.9-5.8	mmol/L
18	LDH	335	120-240	IU/L
19	HBDH	294	76-218	IU/L
20	K	3.90	3.5-5.6	mmol/L
21	Na	143.8	135-145	mmol/L
22	Cl	104.8	96-110	mmol/L
23	Ca	2.14	2.0-3.0	mmol/L
24	CO <sub>2</sub>	25.9	18.2-30.0	mmol/L

(Note: Terms in red indicate abnormal value.)

# Blood Cell Analysis Report (2006-02-05)

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	WBC	2.37	3.5-10.0	X10E9/L
2	NEUT%	0.592	0.5-0.7	
3	LYMPH%	0.139	0.2-0.45	
4	MONO%	0.257	0.03-0.08	
5	EO%	0.008	0.02-0.05	
6	BASO%	0.004	0-0.01	
7	NEUT#	1.40	2.0-4.0	X10E9/L
8	LYMPH#	0.33	1.0-3.3	X10E9/L
9	MONO#	0.61	0.12-0.8	X10E9/L
10	EO#	0.02	0.05-0.55	X10E9/L
11	BASO#	0.01	0-0.01	X10E9/L
12	RBC	3.25	3.45-6.50	X10E12/L
13	HGB	85	115-180	g/L
14	HCT	0.267	0.35-0.55	
15	MCV	82.2	78.8-100	fL
16	MCH	26.2	27-32	pg
17	MCHC	318	300-360	g/L
18	RDW%	0.156		
19	RDW	47.3	37-54	fL
20	PLT	85	80-300	X10E9/L
21	PDW	19.6	12-18	fL
22	MPV	12.3	4.0-12.0	fL
23	P-LCR	0.438	0.15-0.45	
24	RET%	1.75	0.5-2.5	%
25	RET	0.0569	0.025-0.085	X10E12/L
26	LFR	0.850	0.70-0.90	
27	MFR	0.113	0.135-0.24	
28	HFR	0.037	0.005-0.045	

(Note: Terms in red indicate abnormal value.)

# **Erythrocyte Sedimentation Rate Test Report (2006-02-05)**

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	ESR (60M)	9	0-30	mm/hr

# **Liver Test Report on Hepatitis B & C**

## **Surface Antigen (2006-02-05)**

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	HBsAg	0.78	0.0-2.0	/HP
2	HBs-Ab	Negative		
3	HBeAg	Negative		
4	HBe-Ab	Negative		
5	HBc-Ab	Negative		
6	HBVprsl	Negative		
7	HCV	Negative		

# **Urine Test Report (2006-02-06)**

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	RBC	6.9	0-10	/ul
2	WBC	8.1	0-10	/ul
3	EC	12.4	0-5	/ul
4	CAST	0.4	0-2.5	/ul
5	BACT	2219.9	0-8000	/ul
6	Path. CAST	0.2	0-0.5	/ul
7	X' TAL	1.1	0-10	/ul
8	SRC	1.8	0-3	/ul
9	SPERM	0	0-3	/ul
10	YLC	0	0-10	/ul
11	Others	87.8	0-0	/ul
12	Non-Lysed #	3.9	0-50	/ul
13	Non-Lysed	57.1		%
14	URO	16		umol/l
15	Specific Gravity	1.015		
16	PH	6.0		
17	Vitamin C	0		mmol/l

(Note: Terms in red indicate abnormal value.)

# **Immunohematology Report on Serum (2006-02-06)**

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	C-Protein	3.20	0-5.0	mg/l

# Blood Coagulation Test Report (2006-02-06)

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	PT	11.8	10.5-12.8	S
2	APTT	29.9	26.8-37.5	S
3	FIB	6.00	2.0-4.0	g/L
4	TT	15.7	14.2-19.6	S
5	AT	96.6	83-96	%
6	INR	1.01	0.92-1.11	

(Note: Terms in red indicate abnormal value.)

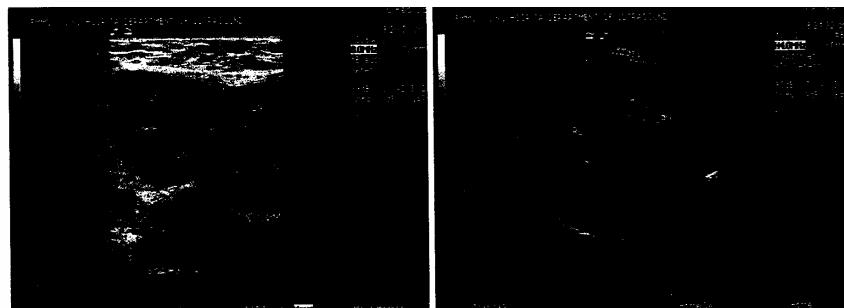
# **Stool Test Report (2006-02-06)**

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	Color	Yellow		
2	Character	Soft		
3	Blood	Negative		
4	RBC	0	0-1	/HP
5	WBC	0	0-3	/HP
6	Sudan III Dye	Negative		

# **Ultrasound Report (2006-02-06)**

Xi Jing Hospital, Xi'an, China

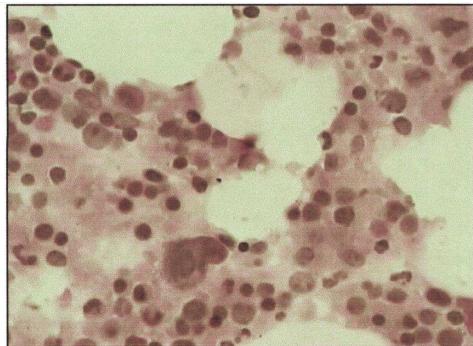


## **Comments:**

1. The liver, spleen, gall bladder, and kidney appear normal.
2. There are multiple echo areas in the left armpit. The test shows the nodes are in elliptical shape, with some bonded together. The large one is measured to be  $4.6 \times 2.3$  cm.
3. There are also several lymph nodes identified in the right armpit. One of them is  $1.2 \times 0.5$  cm.
4. The inguinal glands are detectable on both sides, with clear boundaries and in elliptical shape. The one on the left side is  $1.3 \times 0.9$  cm, while the one on the right side is  $3.3 \times 1.1$  cm.

# Bone Marrow Biopsy Report (2006-02-07)

Xi Jing Hospital, Xi'an, China



## Comments:

1. Eosinophilic myelocytes can be easily found.
2. The bone marrow proliferation appears normal. There is no apparent abnormality in the shape and distribution of granulocytes, erythrocytes, and megakaryocytes.
3. The number of lymphocytes is slightly above the normal. The cells are well-distributed, with various shapes & sizes. The cell plasma inside is less than average. Thus they could be identified as juvenile lymphocytes.
4. The matrix is basically edema, with slightly proliferation of fibrous tissues.

# Biochemical Test Report on Liver Function, Kidney Function, Blood Sugar, Triglyceride, etc. (2006-02-13)

Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	ALT	14	0-40	IU/L
2	AST	17	0-40	IU/L
3	TP	45	60-87	g/L
4	ALB	29.0	37-55	g/L
5	G	16.0	23-32	g/L
6	TBIL	14.1	6.0-19.2	umol/L
7	DBIL	6.8	1.7-6.8	umol/L
8	IBIL	7.3	6.8-12.0	umol/L
9	ALP	59	15-121	IU/L
10	GGT	7	0-52	IU/L
11	TBA	3.2	0.0-15.0	umol/L
12	LAP	21.1	30-70	IU/L
13	A/G	1.81	1.5-2.5	
14	AST/ALT	1.21		
15	BU	3.1	2.8-7.2	mmol/L
16	CRE	61	53-125	umol/L
17	GLU	6.4	3.9-5.8	mmol/L
18	K	3.4	3.5-5.6	mmol/L
19	Na	144	135-145	mmol/L
20	Cl	107	96-110	mmol/L
21	Ca	1.9	2.0-3.0	mmol/L
22	CO <sub>2</sub>	27.0	18.2-30.0	mmol/L

(Note: Terms in red indicate abnormal value.)

# Blood Cell Analysis Report (2006-02-13)

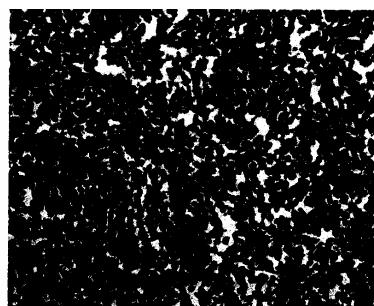
Xi Jing Hospital, Xi'an, China

No.	Term	Value	Reference Value	Unit
1	WBC	2.10	3.5-10.0	X10E9/L
2	NEUT%	0.66	0.5-0.7	
3	LYMPH%	0.11	0.2-0.45	
4	MONO%	0.20	0.03-0.08	
5	EO%	0.02	0.02-0.05	
6	BASO%	0.01	0-0.01	
7	NEUT#	1.39	2.0-4.0	X10E9/L
8	LYMPH#	0.22	1.0-3.3	X10E9/L
9	MONO#	0.42	0.12-0.8	X10E9/L
10	EO#	0.04	0.05-0.55	X10E9/L
11	BASO#	0.03	0-0.01	X10E9/L
12	RBC	2.94	3.45-6.50	X10E12/L
13	HGB	76	115-180	g/L
14	HCT	0.23	0.35-0.55	
15	MCV	79.9	78.8-100	fL
16	MCH	25.9	27-32	pg
17	MCHC	323	300-360	g/L
20	PLT	77	80-300	X10E9/L
24	RET%	1.79	0.5-2.5	%
25	RET	0.0520	0.025-0.085	X10E12/L

(Note: Terms in red indicate abnormal value.)

## **Pathology Report (2006-02-13)**

Xi Jing Hospital, Xi'an, China



Microscopy picture.

### **Diagnosis:**

**Non-Hodgkin's Lymphoma – lymphoplasmacytic lymphoma +  
diffuse large B-cell lymphoma (CD20 positive)**