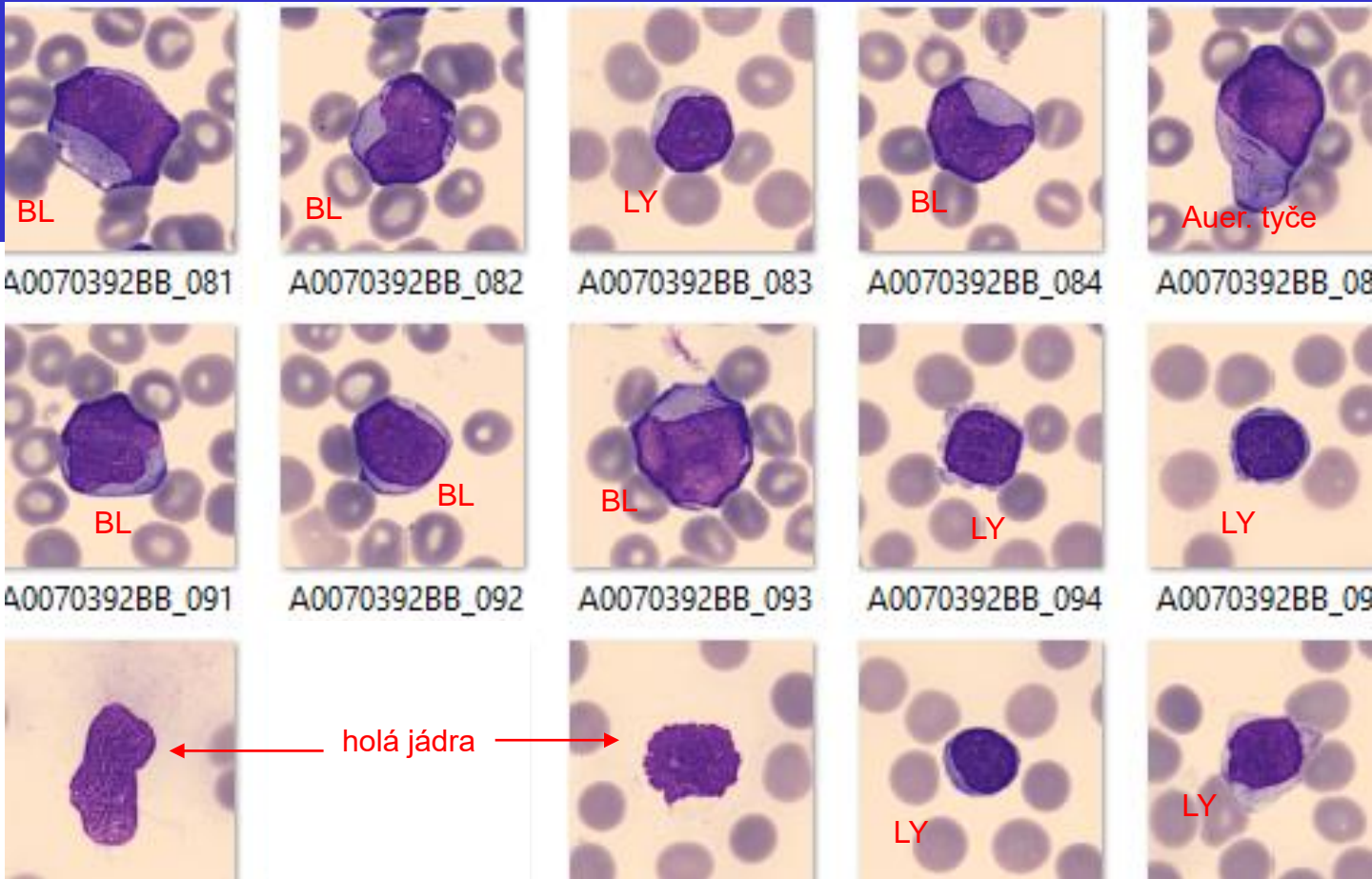


Příklady KO k diagnózám

AML



SUSPECT

WBC	25.9	G/L
NEU	963	3.71 %
LYM	9.39	36.2 %
MONO	11.7	45.2 %
EOS	1.07	4.12 %
BASO	3.76	14.5 %

!!

RBC MORPH

RBC	2.98	T/L
HGB	106	g/L
HCT	301	L/L
MCV	101	fL
MCH	35.7	pg
MCHC	353	g/L
RDW	17.0	%CV

PLT 71.0 G/L
MPV 8.05 fL

MANUAL DIFFERENTIAL		RBC MORPHOLOGY	
NEU 6	MET	NORMAL	MICRO
BAND	MYELO	PLYCHRON	MACRO
LYMPH 31	PRO	HYPCHRON	ANTISO <i>min</i>
MONO 4	BLAST 59	POIK	BASOSTIP
EOSIN	VAR LYM	TARGET	
BASO	TOXGRAN	SPHERO	NRBC

COMMENT: *myeloid leukemia*

DIFF BY _____ DATE _____

celm akuty leu

Infekční mononukleóza

WBC	11.56	+ [10 ⁹ /L]	WBC IP Message(s)
NEUT	1.15	* [10 ⁹ /L]	Lymphocytosis
LYMPH	8.21	* [10 ⁹ /L]	Monocytosis
MONO	1.61	* [10 ⁹ /L]	Basophilia
EO	0.02	[10 ⁹ /L]	Atypical Lympho?
BASO	0.57	+ [10 ⁹ /L]	Abn Lympho/L_Blasts?
IG	0.04	[10 ⁹ /L]	
RBC	5.15	[10 ¹² /L]	
HGB	139	[g/L]	
HCT	0.417	[Ratio]	Microcytosis
MCV	81.0	[fL]	
MCH	27.0	[pg]	
MCHC	333	[g/L]	
RDW-CV	14.3	[%]	
RET		[10 ⁹ /L]	[%]
IRF		[Ratio]	
RET-He		[pg]	
IPF		[%]	
NRBC	0.00	[10 ⁹ /L]	0.0 [/100WBC]
PLT	148	- [10 ⁹ /L]	
MPV	11.4	+ [fL]	
PDW	15.2	- [fL]	
PCT	0.17	[%]	

Manual Diff RBC morf.

SEG 14 META NORMAL MICRO

BAND 9 MYELO POLYCH MAKRO

LYMPH 41 PRO HYPOCH ANISO

MONO 4 BLAST POIK BASOtip

EOSIN 1 VARLY TARGET

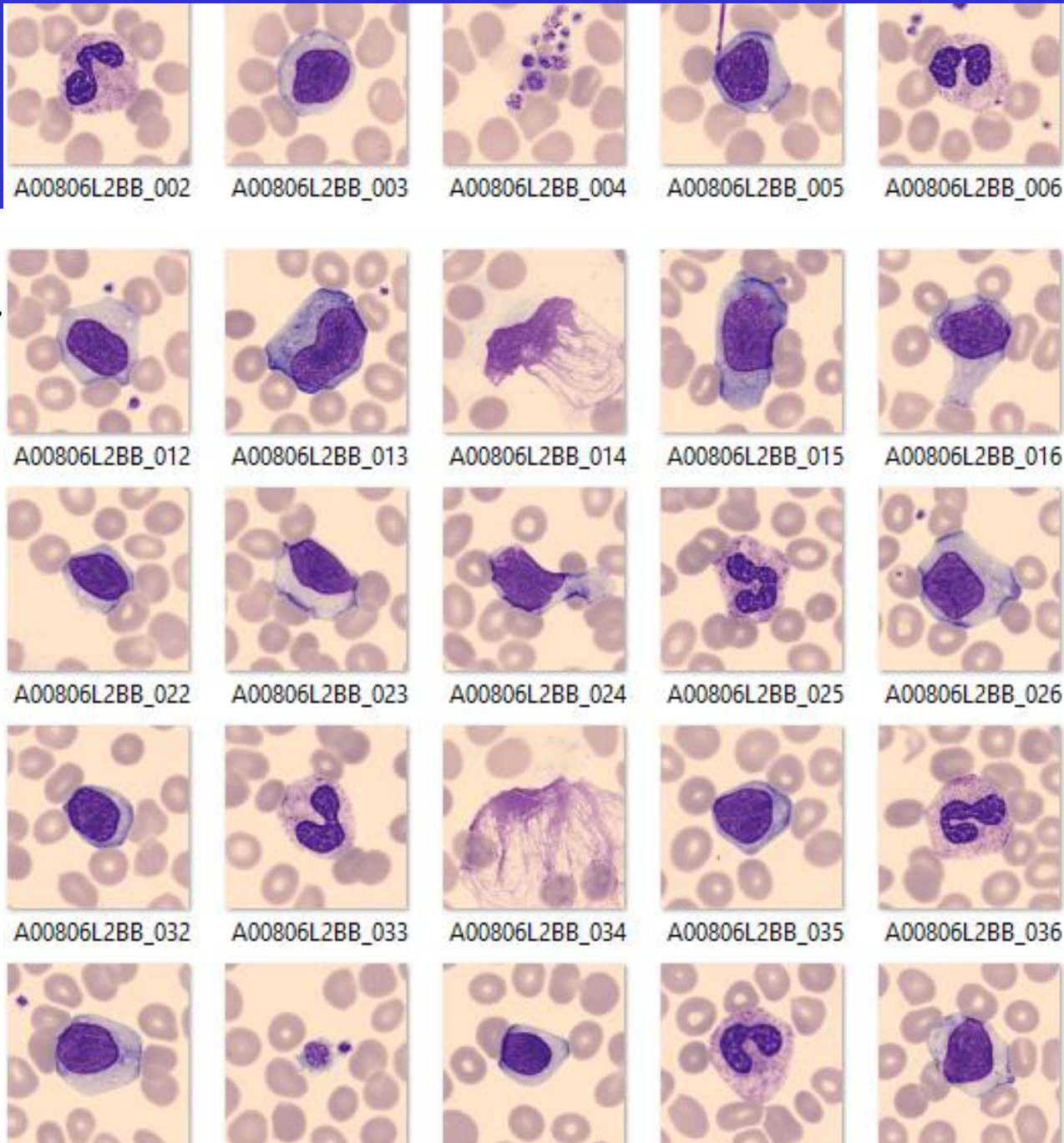
BASO 1 TOXgran SPHERO NRBC

PLT EST meno avel PLT morf

Comment: *of small atypical PLT, of macro PLT*

DIFF by: _____ Date: _____

rychle reakt. lymfo



CLL

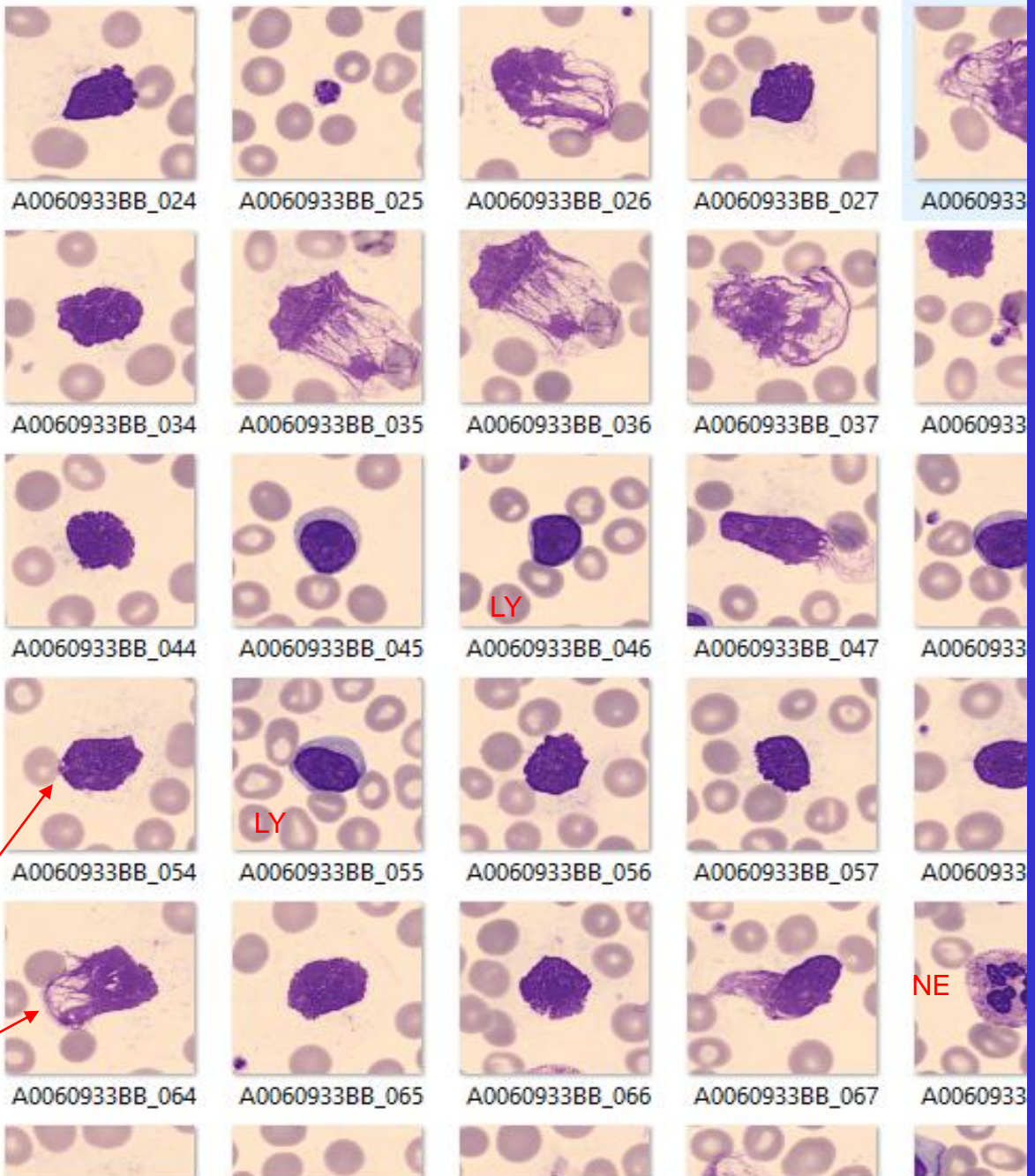
Sex: F
 Doctor: 0609/03/03/2011
 User Defined A:
 User Defined B:
 User Defined C:
 User Defined D:

X-B	WBC	RBC	PLT	RET	
2 Out	In	In	In	1 Out	*InvalidData
WBC	106	10e9/L	WVF	.970	
SEG	5.59		%S	5.28	
BAND	0.00		%BD	0.00	
IG	0.00		%IG	0.00	
BLST	.016		%BL	.015	
MOne	1.32		%Me	1.25	
EOS	.442		%E	.418	
BASO	0.00*		%B	0.00*	
LYMe	95.7		%Le	90.5	
VARL	2.65		%VL	2.51	
RBC	3.19	10e12/L	RBCo	3.16	
HGB	97.4	g/L	%MIC	3.49	
HCT	297	L/L	%MAC	7.82	
MCV	92.9	fL	%HPO	18.3	
MCH	30.5	pg	%HPR	0.00	
MCHC	328.	g/L			
RDW	19.6	%CV			
HDW	8.48	%			
RET	45.1	10e9/L	%R	1.41	
IRF	.310				
NRBC	0.00	10e9/L	NR/W	0.00	
MCVr	107.	fL			
MCHr	28.7	pg			
CHCr	270.	g/L			
PLTo	107.	10e9/L	PLTi	110.	
MPV	9.39	fL	CD61	---	
PDW	17.9	10(GSD)	PLTs	---	
PCT	1.01	mL/L	PLTi	---	
%rP	4.19	%			

BLAST 0.63
 VARLYM 0.80

Manual Differential	RBC Morphology		
SEG 23	META	NORMAL	MICRO <input checked="" type="checkbox"/>
BAND	MYELO	POLYCH	MACRO <input checked="" type="checkbox"/>
LYMPH 74	PRO	HYPCH 11	ANISO <input checked="" type="checkbox"/>
MONO	BLAST	POIK	BASOSTIP <input checked="" type="checkbox"/>
EOSIN 1	VARLYM <input checked="" type="checkbox"/>	TARGET	
BASO	TOXGRAN	SPHERO	NRBC
PLT EST	auto, shly	PLT MORPH	

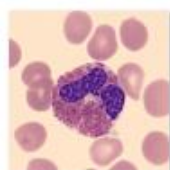
Comment: *Gumprecht body*



B buněčný lymfom

Krevní obraz

WBC,	6.04 x10 ⁹ /l
RBC	4.07 x10 ¹² /l
HGB	98.00 g/l
HCT	0.30 l/l
MCV	74.20 fl
PLT	178.00 x10 ⁹ /l
MCH	24.10 pg
MCHC	325.00 g/l
RDW	14.20 %
MPV	8.80 fl
PCT	1.60 ml/l
PDW	9.60 fl
NEU	36.40 %
LYM	53.50 %
MONO	9.30 %
EOS	0.50 %
BASO	0.30 %
NEU	2.20 x10 ⁹ /l
LYM	3.23 x10 ⁹ /l
MONO	0.56 x10 ⁹ /l
EOS	0.03 x10 ⁹ /l
BASO	0.02 x10 ⁹ /l
NRBC	0.00 x10 ⁹ /l
NRBC/100WBC	0.00
NEU mikroskop.	28.00 %
TYXE mikroskop.	2.00 %
LYM mikroskop.	67.00 %
MONO mikroskop.	2.00 %
EOS mikroskop.	1.00 %
BASO mikroskop.	0.00 %
META mikroskop.	0.00 %
MYELO mikroskop.	0.00 %
PROMY mikroskop.	0.00 %
MYBLASTmikroskop	0.00 %
PROLY mikroskop.	0.00 %
PLAZMATICKÉ buňky	0.00 %
NEDIF. buňky	0.00 %
NEDIF. blasty	0.00 %
NRBC	0 /100 bb



EO_695055



LY_695042



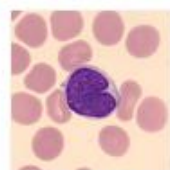
LY_695051



LY_695052



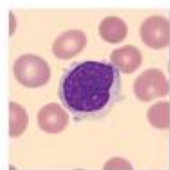
LY_695054



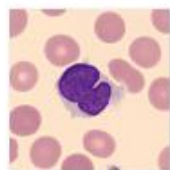
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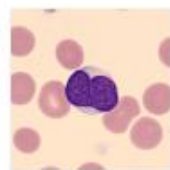
LY_695058



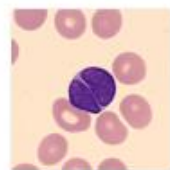
LY_695082



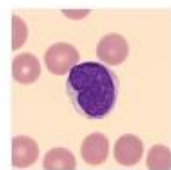
LY_695089



LY_695094



LY_695101



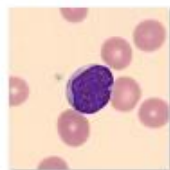
LY_695105



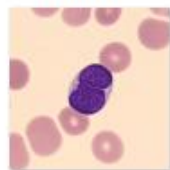
LY_695109



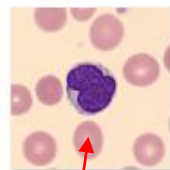
LY_695113



LY_695134



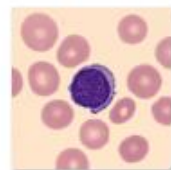
LY_695135



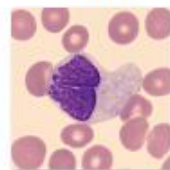
LY_695138



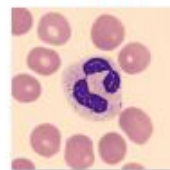
LY_695139



LY_695149



MO_695039

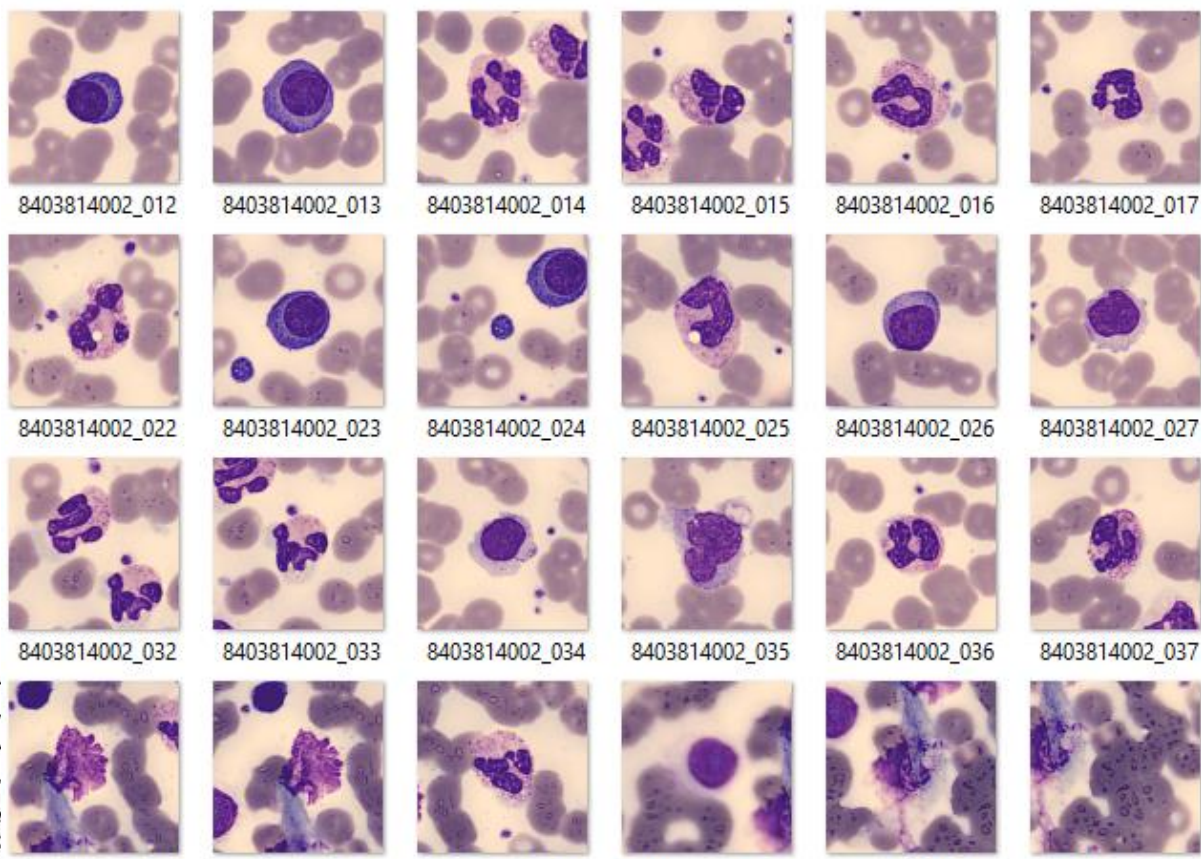


SNE_695028

atypické lymfocyty

Plazmocelulární leukémie

WBC	26.9	10e9/L	WVF	.992		
SEG	16.2		%S	60.4	BAND	0.57
BAND	.674		%BD	2.51	IG	0.55
IG	.392		%IG	1.46	BLAST	0.90
BLST	.006*		%BL	.023*		
MONe	5.53*		%Me	20.6*		
EOS	.138		%E	.512		
BASO	0.00		%B	0.00		
LYMe	3.92*		%Le	14.6*		
VARL	0.00*		%VL	0.00*		
RBC	3.98	10e12/L	RBCo	4.03		
HGB	126	g/L	%MIC	.975		
HCT	353	L/L	%MAC	1.30		
MCV	88.6	fL	%HPO	---		
MCH	31.8	pg	%HPR	---		
MCHC	359	g/L				
RDW	12.5	%CV				
HDW	---	%				
RETC	---	10e9/L	%R	---		
IRF	---					
NRBC	0.00	10e9/L	NRW	0.00		
MCVr	---	fL				
MCHr	---	pg				
CHCr	---	g/L				
PLT _p	186	10e9/L	PLTI	184		
MPV	8.00	fL	CD61	---		
PDW	17.2	10(GSD)	PLTs	---		
PCT	1.49	mL/L	PLTI	---		
%rP	---	%				



Manual Differential		RBC Morphology	
SEG	58.5	META	4.5
BAND	6.0	MYELO	0.5
LYMPH	13.0	PRO	22.5
MONO	5.0	BLAST	0.5
EOSIN	0.5	VAR LYM	
BASO		TOXGRAN	
PLT EST		SPHERO	
		PLT MORPH	
Comment:			
DIFF by:		Date:	

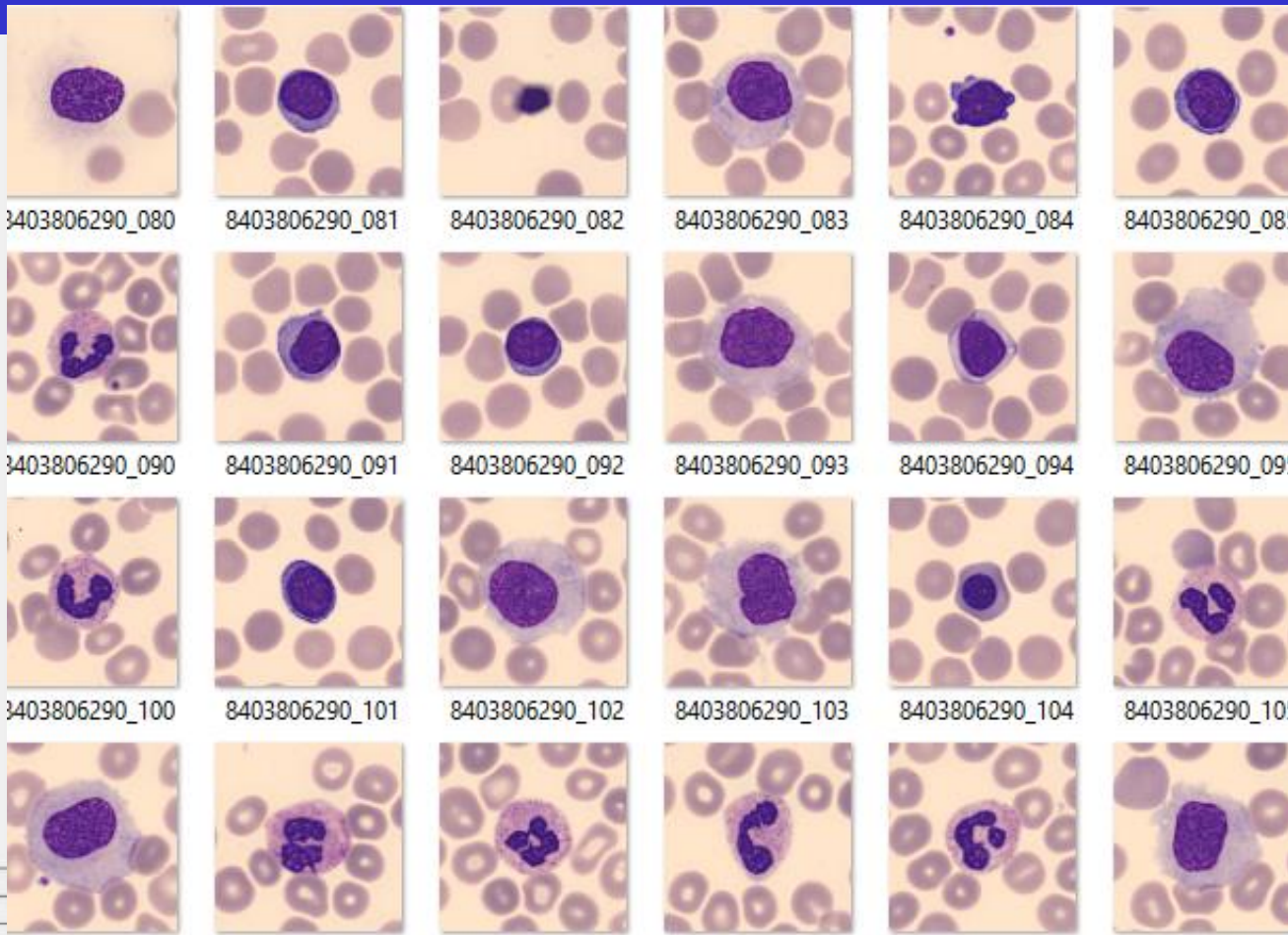
plasmocytární leukémie

HCL

User Defined D:

X-B In	WBC In	RBC In	PLT In	RETC In	WVF	%S	%BD	%IG	%BL	%Me	%E	%B	%Le	%VL	RBCo	%MIC	%MAC	%HPO	%HPR	%R	NRW	PLTI	CD61	PLTs	PLTI
WBC	7.84	10e9/L			.984																				
SEG	<u>891</u>					<u>11.4</u>																			
BAND	0.00					0.00																			
IG	0.00					0.00																			
BLST	3.33					42.4																			
MONe	<u>2.02</u>					<u>25.8</u>																			
EOS	.072					.916																			
BASO	.072					.916																			
LYMe	1.46					<u>18.6</u>																			
VARL	0.00					0.00																			
RBC	<u>3.60</u>	10e12/L				<u>3.61</u>																			
HGB	<u>121</u>	g/L				.677																			
HCT	<u>353</u>	L/L				8.08																			
MCV	<u>98.0</u>	fL				---																			
MCH	33.7	pg				---																			
MCHC	344.	g/L				---																			
RDW	15.1	%CV				---																			
HDW	---	%				---																			
RETC	---	10e9/L				---																			
IRF	---					---																			
NRBC	0.00	10e9/L				0.00																			
MCVr	---	fL				---																			
MChr	---	pg				---																			
CHCr	---	g/L				---																			
PLTo	<u>46.0</u>	10e9/L				<u>52.5</u>																			
MPV	<u>7.65</u>	fL				---																			
PDW	<u>24.7</u>	10(GSD)				---																			
PCT	<u>352</u>	mL/L				---																			
%rP	---	%				---																			

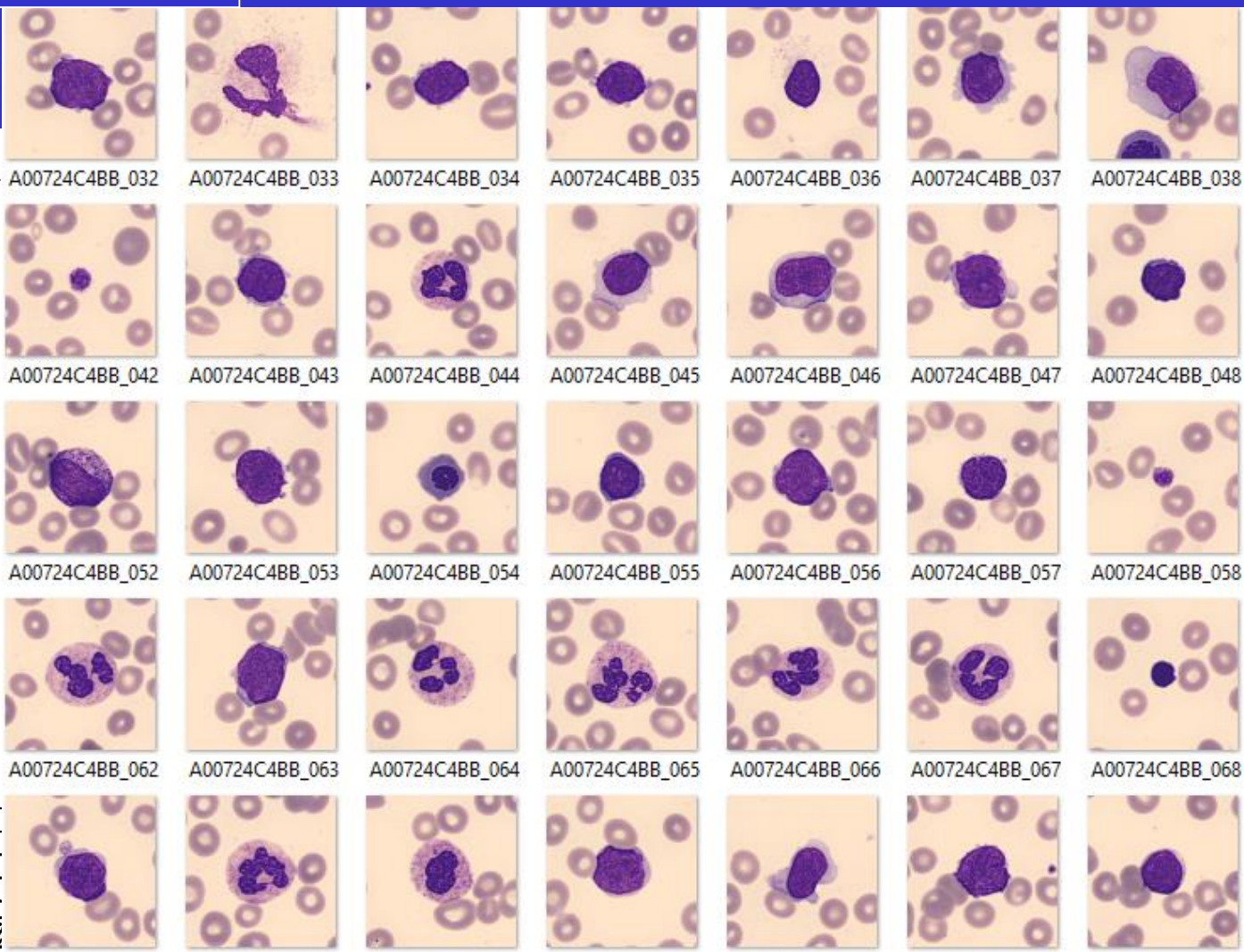
BLAST



Manual Differential	RBC Morphology		
SEG 24	META	NORMAL	MICRO
BAND	MYELO	POLYCH	MACRO
LYMPH 74	PRO	HYPOCH	ANISO
MONO	BLAST	POIK	BASOSTIP
EOSIN 1	VAR LYM ✓	TARGET	
BASO	TOXGRAN	SPHERO	NRBC 4/100
PLT EST		PLT MORPH	
Comment	<i>maximal lymph</i>		
DIFF by			

Difúzní imunoblastický lymfom

X-B 1 Out	WBC In	RBC In	PLT In	RETIC 2 Out	
	5.77	10e9/L		.968	*InvalidData
WBC	1.78		WVF	30.9	
SEG	0.00		%S	0.00	
BAND	0.00		%BD	0.00	
IG	0.00		%IG	0.00	
BLST	0.00		%BL	0.00	
MONe	.389		%Me	6.75	
EOS	.099		%E	1.72	
BASO	.026		%B	.446	
LYMe	3.47		%Le	60.2	
VARL	0.00		%VL	0.00	
RBC	2.56	10e12/L	RBCo	2.53	
HGB	72.7	g/L	%MIC	4.15	
HCT	214	L/L	%MAC	2.84	
MCV	83.7	fL	%HPO	---	
MCH	28.4	pg	%HPR	---	
MCHC	339.	g/L			
RDW	16.6	%CV			
HDW	---	%			
RETIC	---	10e9/L	%R	---	
IRF	---				
NRBC	0.00	10e9/L	NRW	0.00	
MCVr	---	fL			
MCHr	---	pg			
CHCr	---	g/L			
PLTo	20.7	10e9/L	PLTI	24.5	
MPV	10.4*	fL	CD61	---	
PDW	17.7*	10(GSD)	PLTs	---	
PCT	216*	mL/L	PLTI	---	
%rP	---	%			



8L6L

Manual Differential		RBC Morphology	
SEG	22	META	1
BAND	3	MYELO	5
LYMPH	42	HYPOCH	1
MONO	2	POIK	1
EOSIN	2	TARGET	1
BASO	1	SPHERO	1
PLT EST		PLT MORPH	

Comment:
DIFF by: _____ Date: _____

*nečij' - lymfocyty: velká' leučky, lymfocitní' elementy, veliká' jádra + jadrá,
velký' N/C poměr, veliká' jádra a cytoplazma, výhledový cytoplazma
výhledový cytoplazma*