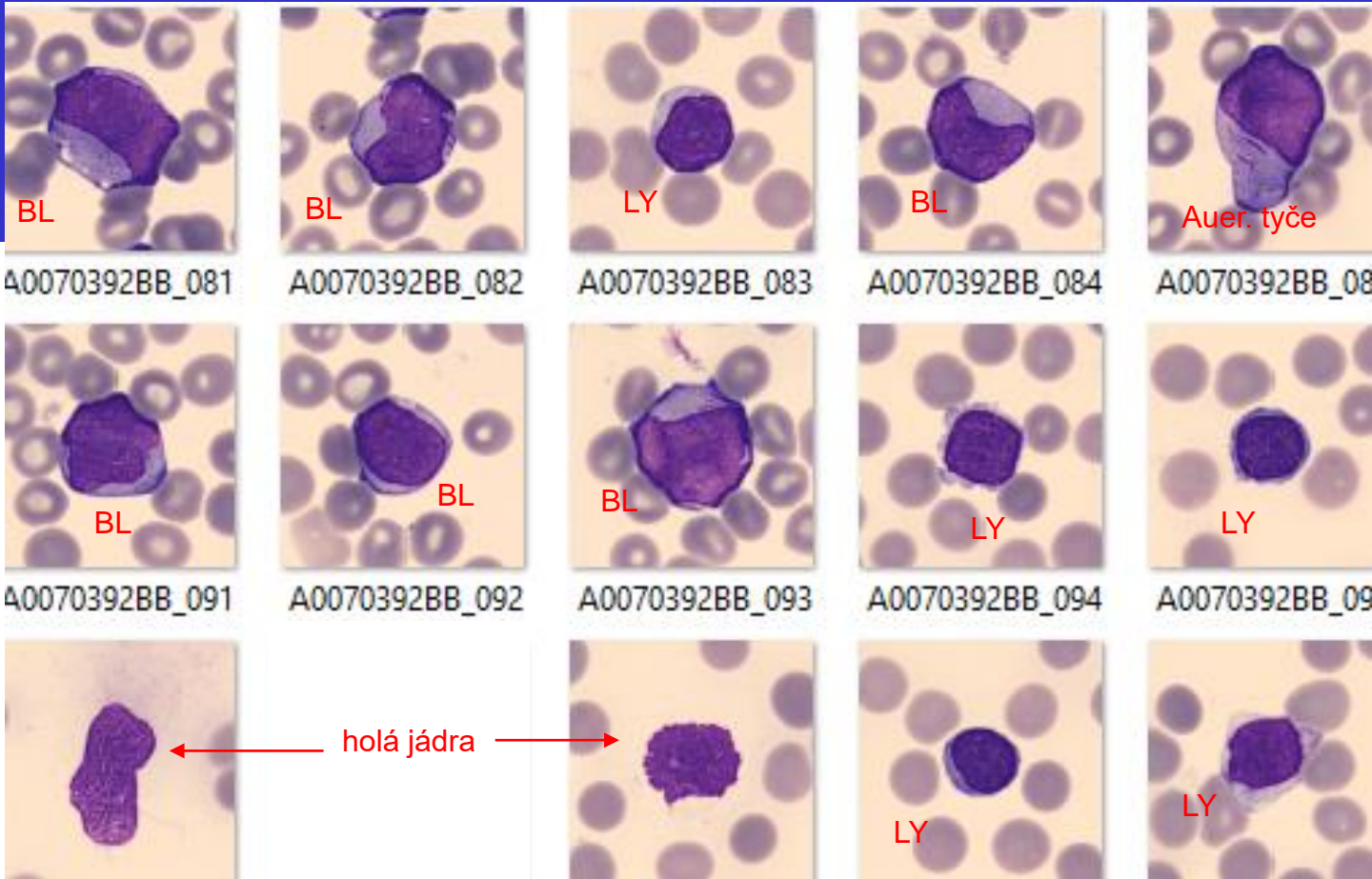


Příklady KO k diagnózám

AML



SUSPECT

WBC	25.9	G/L		
NEU	963	3.71	%N	BAND
LYM	9.39	36.2	%L	VLYM/BLAST
MONO	11.7	45.2	%M	
EOS	1.07	.412	%E	
BASO	3.76	14.5	%B	

!!

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	

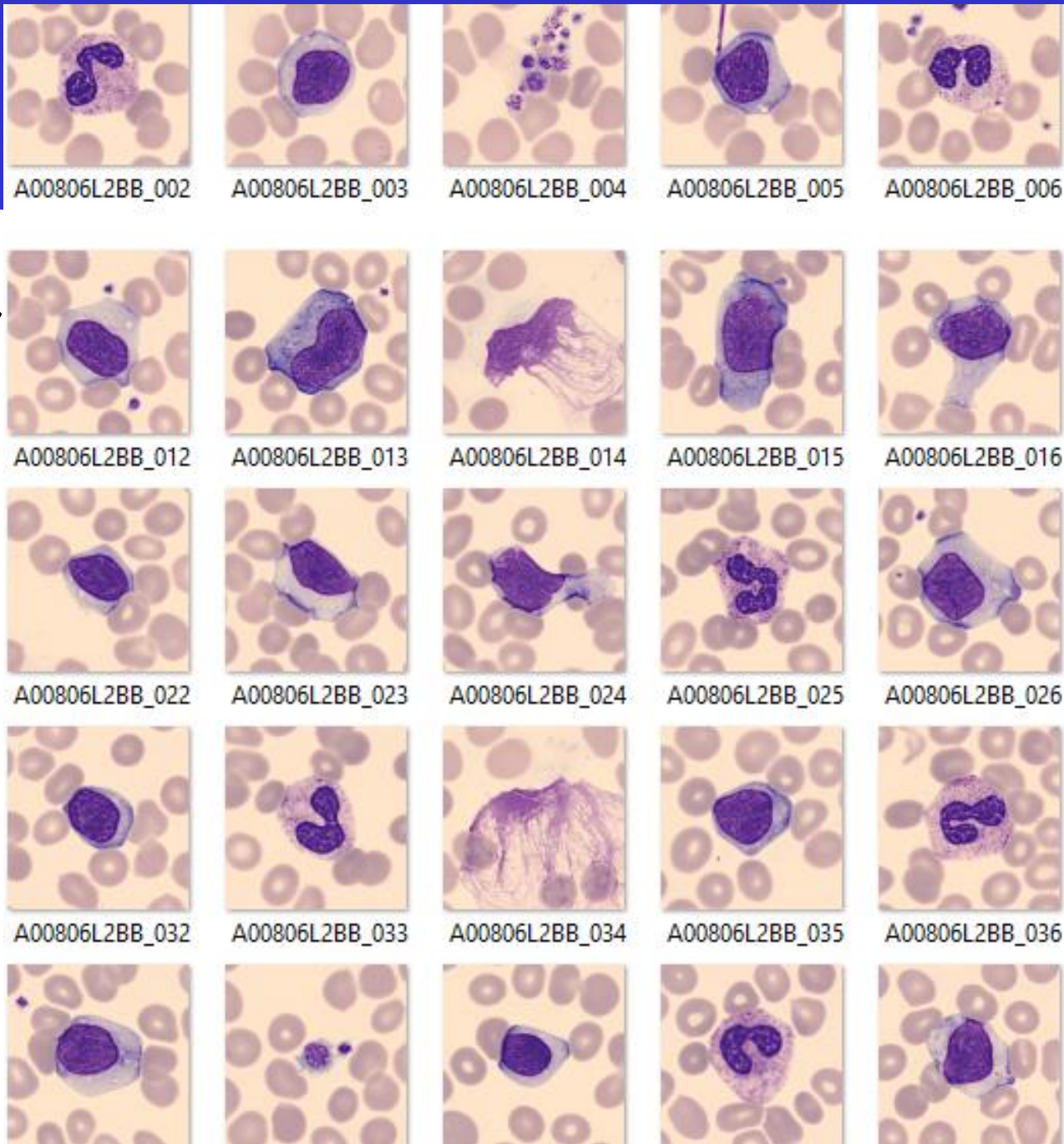
RBC MORPH

PLT	71.0	G/L
MPV	8.05	fL

RBC		PLT 146L	
MANUAL DIFFERENTIAL		RBC MORPHOLOGY	
NEU	6	META	NORMAL
BAND		MYELO	PLYCHRON
LYMPH	31	PRO	HYPCHRON
MONO	4	BLAST	59
EOSIN		VAR LYM	TARGET
BASO		TOXGRAN	SPHERO
			NRBC
COMMENT: <i>micro anemia</i>			
DIFF BY		DATE	

celm aurovy syu

Infekční mononukleóza



WBC 11.56 + [10⁹/L]

WBC IP Message(s)

NEUT 1.15 * [10⁹/L] 10.0 * [%]
 LYMPH 8.21 * [10⁹/L] 71.0 * [%]
 MONO 1.61 * [10⁹/L] 13.9 * [%]
 EO 0.02 [10⁹/L] 0.2 [%]
 BASO 0.57 + [10⁹/L] 4.9 + [%]
 IG 0.04 [10⁹/L] 0.3 [%]

Lymphocytosis
 Monocytosis
 Basophilia

Atypical Lympho?
 Abn Lympho/L_Blasts?

RBC 5.15 [10¹²/L]
 HGB 139 [g/L]
 HCT 0.417 [Ratio]
 MCV 81.0 - [fL]
 MCH 27.0 - [pg]
 MCHC 333 [g/L]
 RDW-CV 14.3 [%]

Microcytosis

RET [10⁹/L] [%]
 IRF [Ratio]
 RET-He [pg]
 IPF [%]
 NRBC 0.00 [10⁹/L] 0.0 [/100WBC]

PLT 148 - [10⁹/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

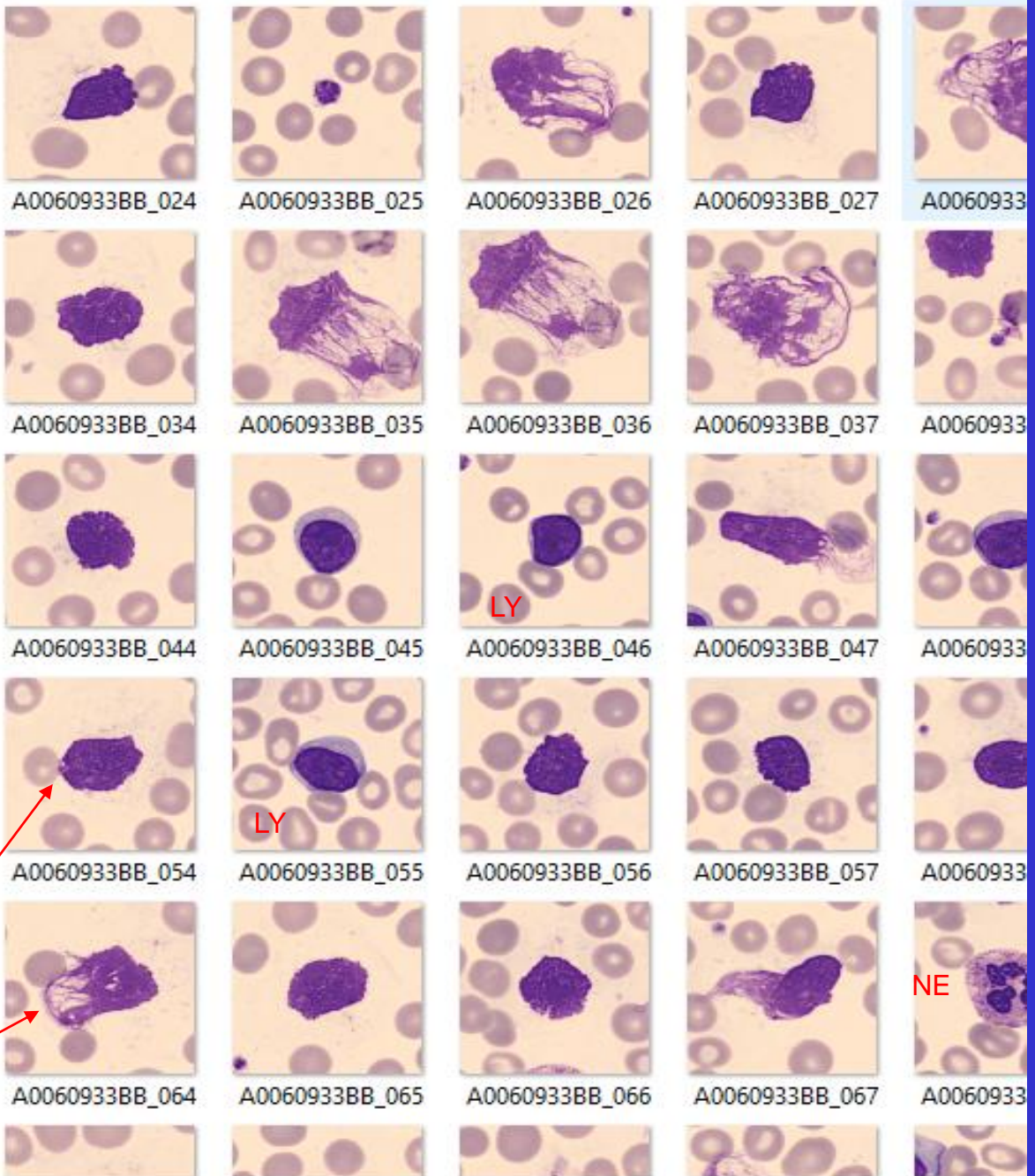
Sex: F
 Doctor: 0609/03/03/2011
 User Defined A:
 User Defined B:
 User Defined C:
 User Defined D:

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, slightly	PLT MORPH		

Comment: *Gumprecht body*



O SIZE

O SIZE

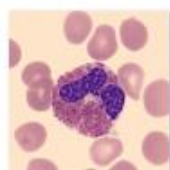
ovals

NE

B buněčný lymfom

Krevní obraz

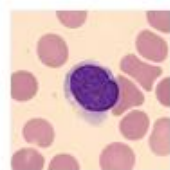
WBC,	6.04 x10 ⁹ /l
RBC	4.07 x10 ¹² /l
HGB	98.00 g/l
HCT	0.30 l/l
MCV	74.20 fl
PLT	178.00 x10 ⁹ /l
MCH	24.10 pg
MCHC	325.00 g/l
RDW	14.20 %
MPV	8.80 fl
PCT	1.60 ml/l
PDW	9.60 fl
NEU	36.40 %
LYM	53.50 %
MONO	9.30 %
EOS	0.50 %
BASO	0.30 %
NEU	2.20 x10 ⁹ /l
LYM	3.23 x10 ⁹ /l
MONO	0.56 x10 ⁹ /l
EOS	0.03 x10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



EO_695055



LY_695042



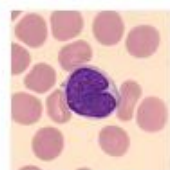
LY_695051



LY_695052



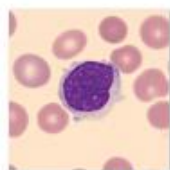
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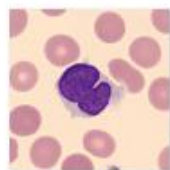
LY_695056



LY_695058



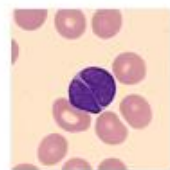
LY_695082



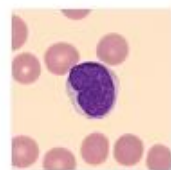
LY_695089



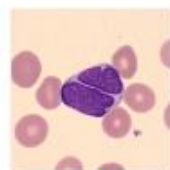
LY_695094



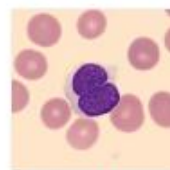
LY_695101



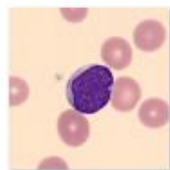
LY_695105



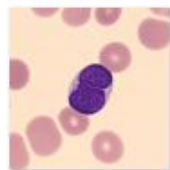
LY_695109



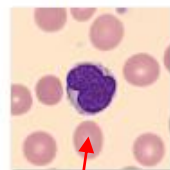
LY_695113



LY_695134



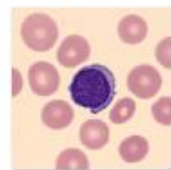
LY_695135



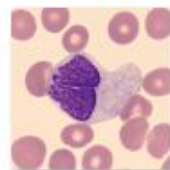
LY_695138



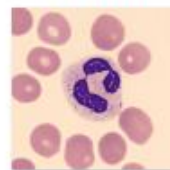
LY_695139



LY_695149



MO_695039

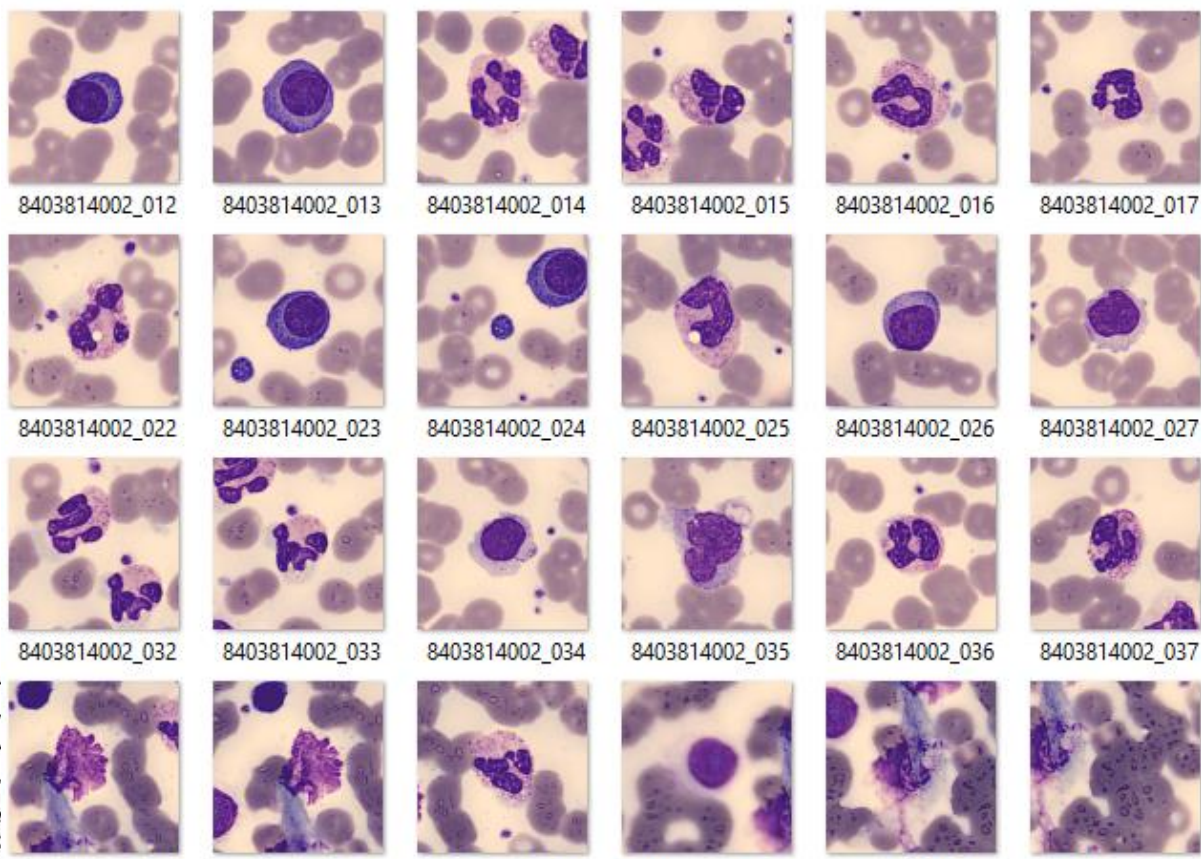


SNE_695028

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:	

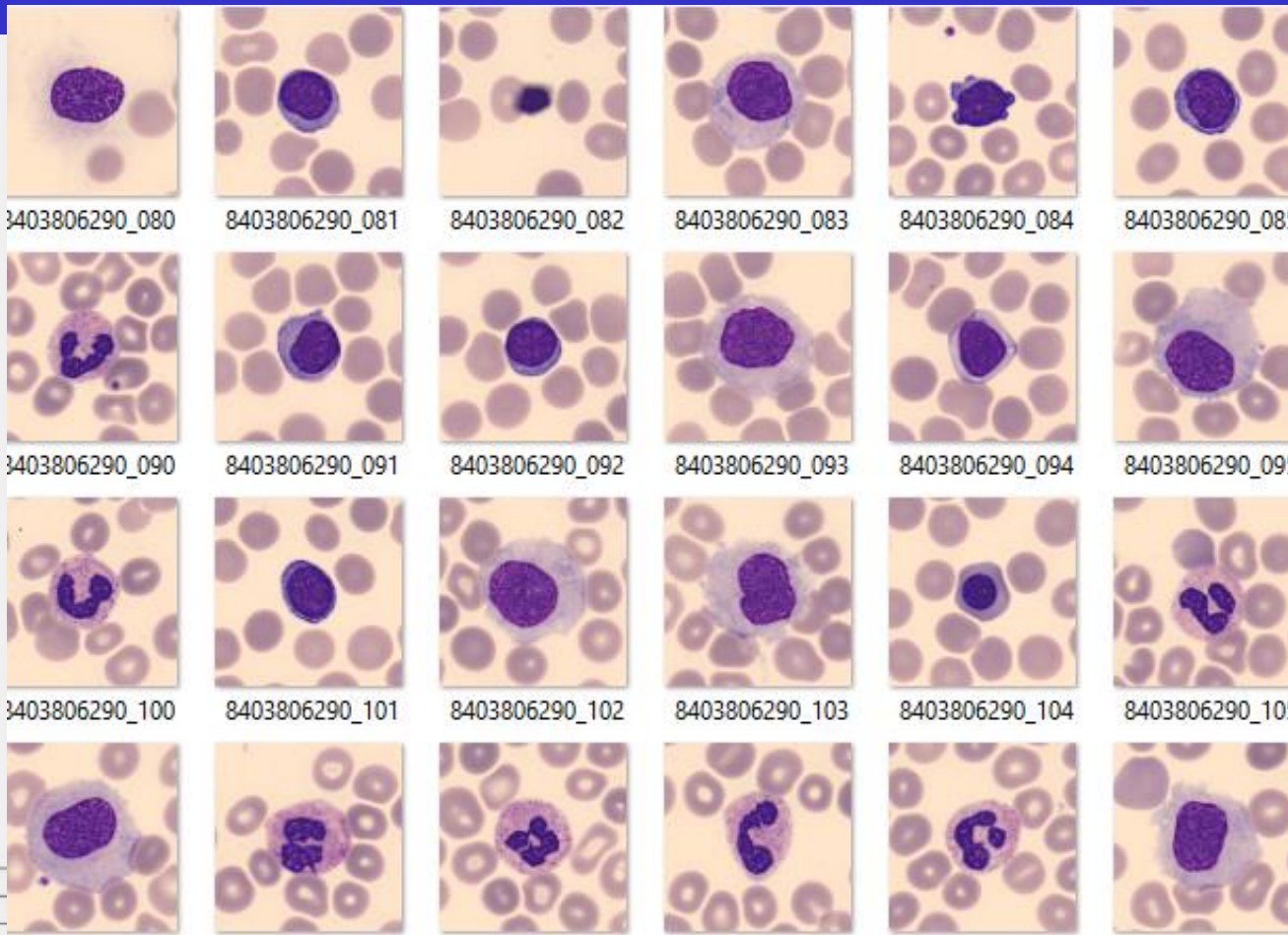
plasmocelulární leukémie

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

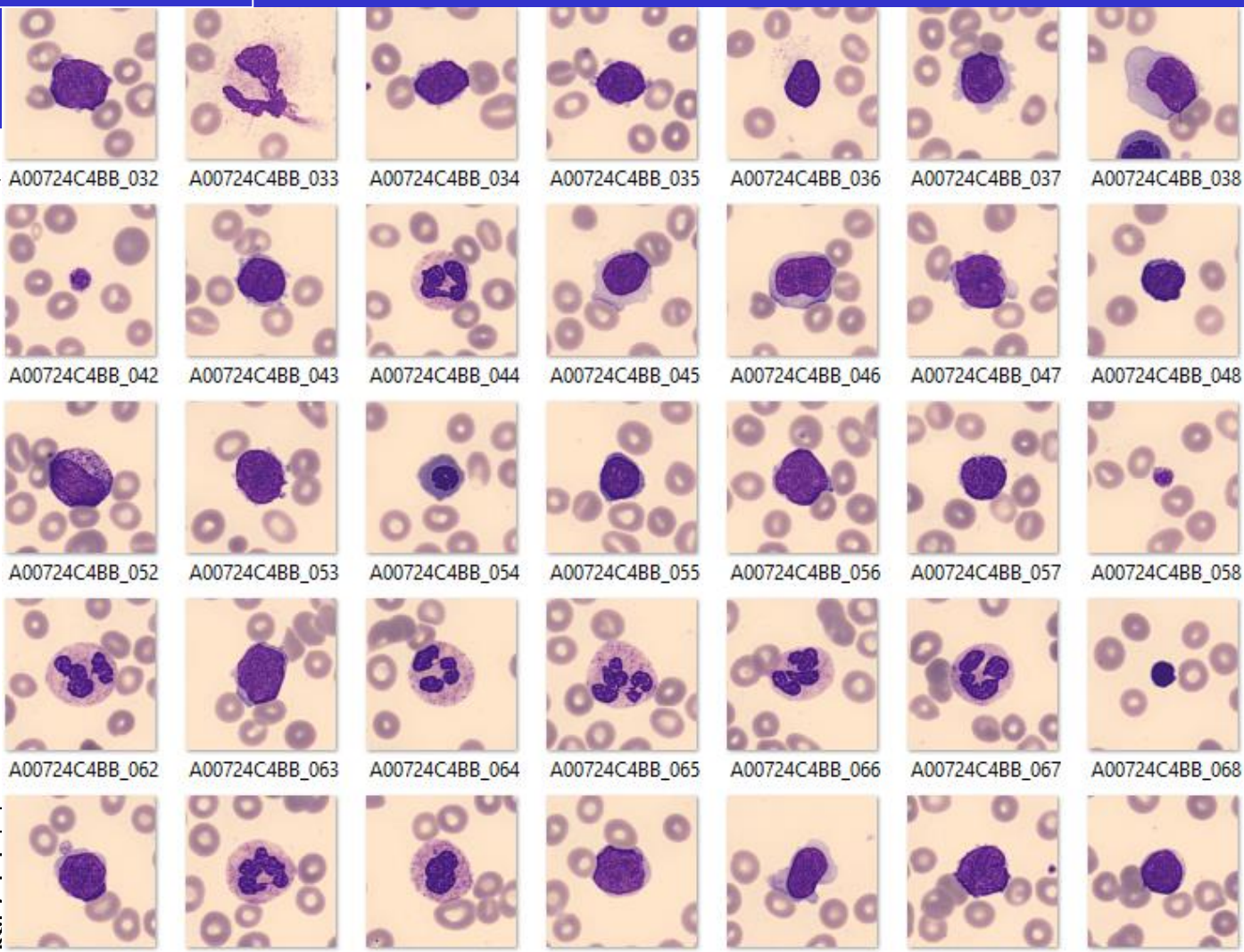


Manual Differential	RBC Morphology		
SEG 24	META	NORMAL	MICRO
BAND	MYELO	POLYCH	MACRO
LYMPH 74	PRO	HYPOCH	ANISO
MONO	BLAST	POIK	BASOSTIP
EOSIN 1	VAR LYM ✓	TARGET	
BASO	TOXGRAN	SPHERO	NRBC 7/100
PLT EST		PLT MORPH	
Comment	<i>maximal lymph</i>		
DIFF by			

Difúzní imunoblastický lymfom

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

*InvalidData



Manual Differential		RBC Morphology	
SEG 22	META 1	NORMAL	MICRO
BAND 3	MYELO 5	POLYCH V	MACRO
LYMPH 42	PLT 29	HYPOCH V	ANISO V
MONO 2	PLT 29	POIK	BASOSTIP
EOSIN 2	VAR LYM V	TARGET	abz cte
BASO 1	ITOXGRAN	SPHERO	NRBC 3/100
PLT EST		PLT MORPH	

8L6L

Comment:
DIFF by: _____ Date: _____

*nečij' - lymfocyty: velká' leuocyty, lymfocitní' elementy, veliká' jádra + jadrá,
veliký' n/c poměr, veliká' jádra + cytoplazma, vyhládky cytoplazmy
vyhládky cytoplazmy*