

Conclusie SKML LL rondzending		Conclusie	Toelichting conclusie
Acute Myeloid Leukaemia and Related Precursor Neoplasms		AML	<p>groen=frequent -negatief</p> <p>rood=soms +positief</p> <p>(+)=deel vd cellen w=weak</p> <p>/=of h+=heterogeen</p> <p>+HD=sterke expressie</p>
AML with balanced translocation/inversions			
AML with t(8;21)(q22;q22); RUNX1-RUNX1T1 (AML1-ETO)			
AML with inv(16)(p13.1;q22) or t(16;16)(p13.1;q22); CBFB-MYH11			
AML with t(15;17)(q22;q12); PML-RARA			
AML with t(9;11)(p22;q23); MLLT3-MLL (in children)			
AML with t(9;11)(p22;q23); MLLT3-MLL (in adults)			
AML with t(6;9)(p23;q34); DEK-NUP214 (DEK-CAN)			
AML with inv(3)(q21;q26.2) or t(3;3)(q21;q26.2); RPN1-EV11			
AML (megakaryoblastic) with t(1;22)(p13;q13); RBM15-MKL1			
AML with gene mutations			
AML with mutated NPM1			
AML with mutated CEBPA			
AML with myelodysplasia-related changes			
tAML (therapy related AML)			
AML, not otherwise specified			
AML with minimal differentiation			
AML without maturation			
AML with maturation			
Acute myelomonocytic leukaemia			
Acute monoblastic leukaemia and Acute monocytic leukaemia			
Acute erythroid leukaemia (erythroleukaemia (erythroid/myeloid))			
Acute erythroid leukaemia (pure erythroid leukaemia)			
Acute megakaryoblastic leukaemia			
Acute basophilic leukaemia			
Myeloid sarcoma			
Myeloid proliferations related to Down syndrome			
Blastic plasmacytoid dendritic cell neoplasm			
Precursor Lymphoid Neoplasms			
B lymphoblastic leukaemia/lymphoma, not otherwise specified			
B-ALL/LBL, NOS			
pro-B-ALL (early precursor B-ALL)			
common ALL (intermediate stage B-ALL)			
pre-B-ALL (most mature precursor B-ALL)			
B lymphoblastic leukaemia/lymphoma with recurrent genetic abnormalities			
B-ALL t(9;22) BCR-ABL1			
B-ALL t(v;11q23) MLL rearr.			
B-ALL t(12;21) TEL-AML1			
B-ALL with hyperdiploidy			
B-ALL with hypodiploidy			
B-ALL t(5;14) IL3-IGH			
B-ALL t(1;19) E2A-PBX1			
T lymphoblastic leukaemia/lymphoma			
T-ALL/LBL			
pro-T-ALL			
pre-T-ALL			
cortical T-ALL			
medullary T-ALL			
Acute Leukaemias of Ambiguous Lineage			
Acute undifferentiated leukaemia			
Mixed phenotype acute leukaemia			
Mixed phenotype acute leukaemia with t(9;22)(q34;q11.2) BCR-ABL1			
Mixed phenotype acute leukaemia with t(v;11q23); MLL rearranged			
Mixed phenotype acute leukaemia, B/myeloid, NOS			
Mixed phenotype acute leukaemia, T/myeloid, NOS			
Mature B-cell neoplasms			
Chronic lymphocytic leukemia / small lymphocytic lymphoma			
Monoclonal B-cell lymphocytosis CD5+			
Monoclonal B-cell lymphocytosis CD5-			
B-cell prolymphocytic leukaemia			
Splenic marginal zone lymphoma			
Hairy cell leukaemia			
Splenic B-cell lymphoma/leukaemia, unclassifiable			
Splenic diffuse red pulp small B-cell lymphoma			
Hairy cell leukaemia variant			
Lymphoplasmocytic lymphoma			
Plasma cell neoplasms			
Monoclonal gammopathy of undetermined significance			
Plasma cell myeloma			
Plasma cell leukaemia			
AML			<p>AML t(8;21)</p> <p>AML inv(16)</p> <p>AML t(15;17)</p> <p>AML t(9;11)children</p> <p>AML t(9;11)adult</p> <p>AML t(6;9)</p> <p>AML inv(3)</p> <p>AML t(1;22)</p> <p>AML min dif</p> <p>AML no mat</p> <p>AML mat</p> <p>AML MyeloMono</p> <p>AML Mono</p> <p>AML Ery/Mye</p> <p>AML pure ery</p> <p>AMKBL</p> <p>ABL</p> <p>Myeop Down</p> <p>BPCD</p>
			<p>TdTw CD13+ CD15+ CD19+ CD33w CD34(+HD) CD56+ CD65+ cCD79a+ HLADR+ MPO+</p> <p>several blast populations: CD2+ CD4+ CD11b+ CD11c+ CD13+ CD14+ CD15+ CD33+ CD34+HD CD36+ CD64+ CD65+ CD117+ MPO+</p> <p>CD11a-/w CD11b-/w CD13+ CD15-/w CD18-/w CD33+HD CD34-/w CD56+ CD64+ CD65-/w CD117+ HLADR-/w and Hypogranular variant: CD2+ CD34+</p> <p>CD4+HD CD13w CD14w CD33+HD CD34w CD65+HD HLADR+HD</p> <p>CD4+ CD11b+ CD11c+ CD14+ CD34+ CD36+ CD56+ CD64+ CD117+</p> <p>TdT+ CD13+ CD15+ CD33+ CD34+ CD38+ CD64+ CD117+ HLADR+ MPO+</p> <p>CD7+ CD13+ CD33+ CD34+ CD38+ CD41+ CD61+ HLADR+</p> <p>TdT- CD7- CD13+ CD33+ CD34- CD36+ CD41+ CD42+ CD45- CD61+ HLADR- MPO-</p> <p>CD11b+ CD13+ CD14+ CD33+ CD34- CD68+ MPO+</p> <p>CD7+ CD11b+ CD13+ CD14- CD15+ CD33+ CD34+ CD56- CD64- CD65+ HLADR+</p> <p>TdT+ cCD3- CD7+ CD11b- CD13+ CD14- CD15- cCD22- CD33+ CD34+ CD38+ CD64- CD65- cCD79a- CD117+ HLADR+ MPO-/(+)</p> <p>CD2+ cCD3- CD4+ CD7+ CD11b+ CD13+ CD14- CD15+ CD19+ cCD22- CD33(+)+ CD34+ CD56+ CD64- CD65- cCD79a- CD117(+)+ HLADR+ MPO(+)</p> <p>CD2- CD4- CD7+ CD11b+ CD13+ CD14- CD15+ CD19- CD33+ CD34(+)+ CD56- CD64- CD65+ CD117(+)+ HLADR(+)+/+</p> <p>several blast populations: CD4(+)+ CD7+ CD11b(+)+ CD11c(+)+ CD13(+)+ CD14(+)+ CD15(+)+ CD16(+)+ CD17(+)+ CD18(+)+ CD19(+)+ CD20(+)+ CD21(+)+ CD22(+)+ CD23(+)+ CD24(+)+ CD25(+)+ CD26(+)+ CD27(+)+ CD28(+)+ CD29(+)+ CD30(+)+ CD31(+)+ CD32(+)+ CD33(+)+ CD34(+)+ CD35(+)+ CD36(+)+ CD37(+)+ CD38(+)+ CD39(+)+ CD40(+)+ CD41(+)+ CD42(+)+ CD43(+)+ CD44(+)+ CD45(+)+ CD46(+)+ CD47(+)+ CD48(+)+ CD49(+)+ CD50(+)+ CD51(+)+ CD52(+)+ CD53(+)+ CD54(+)+ CD55(+)+ CD56(+)+ CD57(+)+ CD58(+)+ CD59(+)+ CD60(+)+ CD61(+)+ CD62(+)+ CD63(+)+ CD64(+)+ CD65(+)+ CD66(+)+ CD67(+)+ CD68(+)+ CD69(+)+ CD70(+)+ CD71(+)+ CD72(+)+ CD73(+)+ CD74(+)+ CD75(+)+ CD76(+)+ CD77(+)+ CD78(+)+ CD79(+)+ CD80(+)+ CD81(+)+ CD82(+)+ CD83(+)+ CD84(+)+ CD85(+)+ CD86(+)+ CD87(+)+ CD88(+)+ CD89(+)+ CD90(+)+ CD91(+)+ CD92(+)+ CD93(+)+ CD94(+)+ CD95(+)+ CD96(+)+ CD97(+)+ CD98(+)+ CD99(+)+</p> <p>CD4+ CD7+ CD11b+ CD11c+ CD13+ CD14+ CD15+ CD33+HD CD34+ CD36+ CD56+ CD64+ CD65+ CD68+ CD117+ CD163+ HLADR+ MPO-/(+)</p> <p>erythroblasts: CD11b- CD11c- CD13- CD14- CD15- CD64- CD65- CD71w/+ CD235+/+ MPO-</p> <p>myeloblasts: TdT+ CD2+ cCD3- CD4+ CD7+ CD11b-/- CD13+/(+)+ CD14- CD15- CD19+ cCD22- CD33+/(+)+ CD34+ CD38+ CD56+ CD64- CD65- cCD79a- CD117+/(+)+ HLADR+ MPO-/(+)</p> <p>CD11b- CD11c- CD13- CD14- CD15- CD34- CD36+ CD41- CD61- CD64- CD65- CD117+ CD135+/(w)- HLADR- MPO-</p> <p>TdT- CD7+ CD11b- CD11c- CD13+ CD14- CD15- CD33+ CD36+ CD41+ CD42+ CD45- CD61+ CD64- CD65- HLADR- MPO-</p> <p>TdT+ CD9+ CD11b+ CD11c- CD13+ CD14- CD22+ CD33+ CD34+ CD64- CD117- CD123+ CD203c+ HLADR+</p> <p>CD4w CD7+ CD13+ CD14- CD15- CD33+ CD34+ CD36+ CD41+ CD42+ CD56+ CD61+ CD71- CD117+ CD235a- MPO-</p> <p>TdT+ CD4+ CD7+ CD43+ CD45RA+ CD56+ CD123+ CD303+ CLA+ CD68+ CD33+ CD2+ CD36+ CD38+ CD3- CD5- CD13- CD16- CD19- CD20- CD79a- TCL1+</p>
B-ALL/LBL			<p>TdT+ CD10+ CD13+ CD19+ CD20+ cCD22+ CD22+ CD24+ CD33+ CD34+ CD45- cCD79a+</p> <p>TdT+ CD19+ cCD22+ cCD79a+</p> <p>CD10+ (see also B-ALL/LBL general)</p> <p>cy+ (see also B-ALL/LBL general)</p> <p>B-ALL t(9;22)</p> <p>B-ALL MLL</p> <p>B-ALL t(12;21)</p> <p>B-ALL hyperdyp</p> <p>B-ALL hypodyp</p> <p>B-ALL t(5;14)</p> <p>B-ALL t(1;19)</p> <p>pro-T-ALL</p> <p>pre-T-ALL</p> <p>cortic-T-ALL</p> <p>medul-T-ALL</p>
T-ALL/LBL			<p>TdT+ CD1a+ CD2+ cCD3+ CD3+ CD4+ CD5+ CD7+ CD8+ CD10+ CD13+ CD33+ CD34+ cCD79a+ CD99+ CD117+</p> <p>CD1a- CD2- cCD3+ CD4- CD7+ CD8- CD34+</p> <p>CD1a- CD2+ cCD3+ CD4- CD7+ CD8- CD34+</p> <p>CD1a+ CD2+ cCD3+ CD4+ CD7+ CD8+ CD34-</p> <p>CD1a- CD2+ cCD3+ CD3+ CD4+ CD7+ CD8+ CD34-</p>
AUL			<p>TdT+ cCD3- CD19- cCD22- CD34+ CD38+ CD41- CD42- CD61- cCD79a- HLADR+ MPO-</p>
MPAL			<p>CD10- CD15+ cCD22w CD19+ cCD79aw plus also (myeloid/monoblastic)</p> <p>CD10+ CD11c CD13+ CD14+ CD19+ CD20-/+ cCD22+ CD33+ CD64+ cCD79a+ CD117+ MPO+</p> <p>CD2+ cCD3+ CD3+ CD5+ CD7+ CD10- CD11c+ CD13+ CD14+ CD19- CD20- cCD22- CD33+ CD64+ cCD79a-CD117+ MPO+</p>
MBCN			<p>CD5+ CD10- CD11cw CD19+ CD20+ CD22+ CD23+ CD43+ cCD79a+ CD79b-/w FMC7-/w IgDw IgMw</p> <p>PB <5x10⁹/L monoclonal B-cells with CLL phenotype and healthy (no cytopenie, lymphadenopathy or extramedullary tissue involvement)</p> <p>MBL CD5-</p> <p>P-LL</p> <p>SMZL</p> <p>PB <5x10⁹/L monoclonal B-cells with non-CLL phenotype and healthy (no cytopenie, lymphadenopathy or extramedullary tissue involvement)</p> <p>CD5+ CD19+ CD20+ CD22+ CD23+ CD38+ cCD79a+ CD79b+ FMC7+ IgD+HD IgM+HD/-</p> <p>CD5- CD10- CD20+ CD23- CD43- cCD79a+ CD103- IgD+ IgM+</p> <p>CD5- CD10- CD11c+HD CD20+HD CD22+HD CD23- CD25+ CD43- CD103+ CD123+ FMC7+ monotypic slg+HD</p> <p>CD11c+ CD19+ CD20+ CD22+ CD25- CD72+ cCD79a+ CD79b+ CD103+ CD123- FMC7+ slgG+HD</p> <p>abnormal B-lymphoid cells: CD5- CD10- CD19+ CD20+ CD22+ CD23- CD25+ CD38+ CD43- cCD79a+ CD103- IgD- IgM+ /IgG+ /IgA+</p> <p>abnormal plasmacytic cells: CD138+ clgM+ /clgG+ /clgA+</p> <p>normal plasma cells: CD19+ CD38+HD CD56- polyclonal</p> <p>aberrant plasma cells: CD19- CD38+wHD CD56+ monoclonal clgG+ /clgM+ /IgD+ /clgA+</p> <p>CD10+ CD19- CD20+ CD38+HD CD52+ CD56+ CD79a+ CD117+ CD138+ slg- monotypic clgG+ /clgM+ /IgD+ /clgA+</p> <p>PB >2x10⁹/L or >20% monoclonal plasma cells: CD56-</p>
CLL/SLL			
MBL CD5+			
HCL			
HCLv			
LPL			
MGUS			
PCM			
PCL			

Extranodal marginal zone lymphoma of mucosa-associated lymphoid tissue
 Nodal marginal zone lymphoma
 Follicular lymphoma
 Mantle cell lymphoma
 Diffuse large B-cell lymphoma, not otherwise specified
 Burkitt lymphoma +/- leukaemia

Mature T-cell neoplasms

T-cell prolymphocytic leukaemia
 T-cell large granular lymphocytic leukaemia
 Chronic lymphoproliferative disorders of NK cells
 Aggressive NK cell leukaemia
 Adult T-cell leukaemia/lymphoma
 Mycosis fungoides
 Sézary syndrome
 Angioimmunoblastic T-cell lymphoma
 Anaplastic large cell lymphoma
 Peripheral T-cell lymphoma, not otherwise specified

MTCN

MALT	CD5+ CD10- CD11cw CD20+ CD21+ CD23- CD35+ CD43- cCD79a+ CD103- IgM+/IgA+/IgG+
NMZL	CD5- CD10- CD19+ CD20+ CD22+ CD23- CD43+ cCD79a+ IgD+
FL	CD5- CD10+ CD19+ CD20+ CD22+ CD23- CD43- cCD79a+ CD103- slg+
MCL	CD5+ CD10- CD23-/w CD43+ CD103- FMC7+ IgM+HD/IgD+HD lambda
DLBCL	CD5+ CD10+ CD19+ CD20+ CD22+ CD30+ CD38HD- CD43- CD138- cCD79a+ s/clgM+/lgG+/lgA+
Burkitt L	TdT- CD10+ CD19+ CD20+ CD22+ CD23- CD38+ CD43+ CD77+ IgM+/+HD with light chain restriction
T-PLL	TdT- CD1a- CD2+ CD3+/w CD4+ CD7+ CD8+ CD52+HD
T-LGLL	CD3+ CD4+ CD5w/- CD7w/- CD8+ CD16+ CD57+ TCR $\alpha\beta$ + TCR $\gamma\delta$ +
CLPD-NK	CD2w/- CD3- cCD3+ CD5+ CD7w/- CD8+ CD16+ CD56w CD57w/- CD94+HD CD161w
ANKCL	CD2+ CD3- CD11b+ CD16+ CD56+ CD57-
ATLL	CD2+ CD3+ CD4+ CD5+ CD7- CD8+ CD15+ CD25+HD CD30+
MF	CD2+ CD3+ CD4+ CD5+ CD7- CD8- TCRab+
SS	CD2+ CD3+ CD4+ CD5+ CD7- CD8- CD26- TCRab+
AITL	CD2+ CD3+ CD4+ CD5+ CD10+ CD20+
ALCL	CD2+ CD3- CD4+ CD5+ CD8- CD15(+) CD25+HD CD30+ CD43+ CD45+ CD45RO+
PTCL, NOS	CD4+ CD5-/w CD7-/w CD8+ CD10- CD15+ CD20+ CD30+ CD52+ CD56+ CD79a+