

Rondzending PATHO 2014.1 en 2015.1

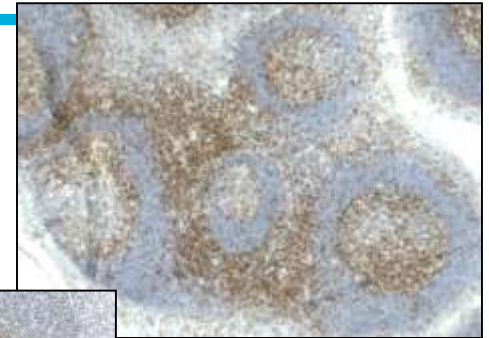
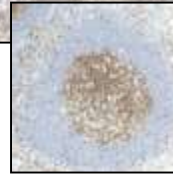
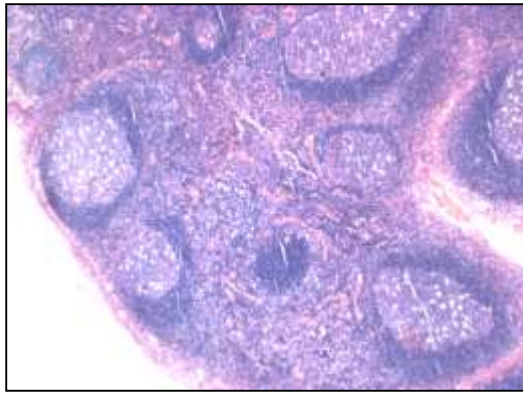
Cycline D1, CD5, CD23, BCL6, CD20

Konnie Hebeda, patholoog

Achtergrond

Lymfoomdiagnostiek: panels > architectuur
> benigne vs. maligne
> classificatie

	CD20	Bcl-2	CD10	CD5	Cycline D1	MIB-1	CD23
Folliculair lymfoom	+	+	+	-	-	+/++	-
CLL	+	+	-	+	-	+	+
Marginale zone lymfoom	+	+	-	-	-	+	-
Mantelcel lymfoom	+	+	-	+	+	+/++	-
reaktief	+	+/-	+/-	+/-	-	+/+++	+/-



	CD20	Bcl-2	CD10	CD5	Cycline D1	MIB-1	CD23
Folliculair lymfoom							
CLL							
Marginale zone lymfoom							
Mantelcel lymfoom							
reaktief							

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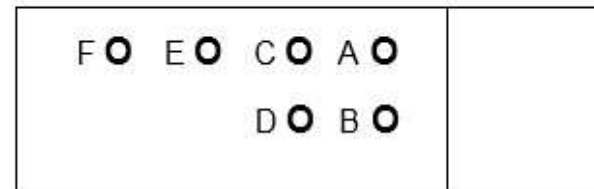
Materialen:

- 1. Lever
- 2. Tonsil
- 3. Folliculair lymfoom
- 4. CLL
- 5. Diffuus grootcellig lymfoom
- 6. Mantelcellymfoom

Positie weefsels op glaasje

Pathologische Oncologie 2015.1 / PATHO 2015.1

CD20, CD23, CD5, Cycline D1, BCL-6



Weefsel A: Lever
Weefsel B: Tonsil
Weefsel C: Lymfoom I
Weefsel D: Lymfoom II
Weefsel E: Lymfoom III
Weefsel F: Lymfoom IV

Kleuring : CD23

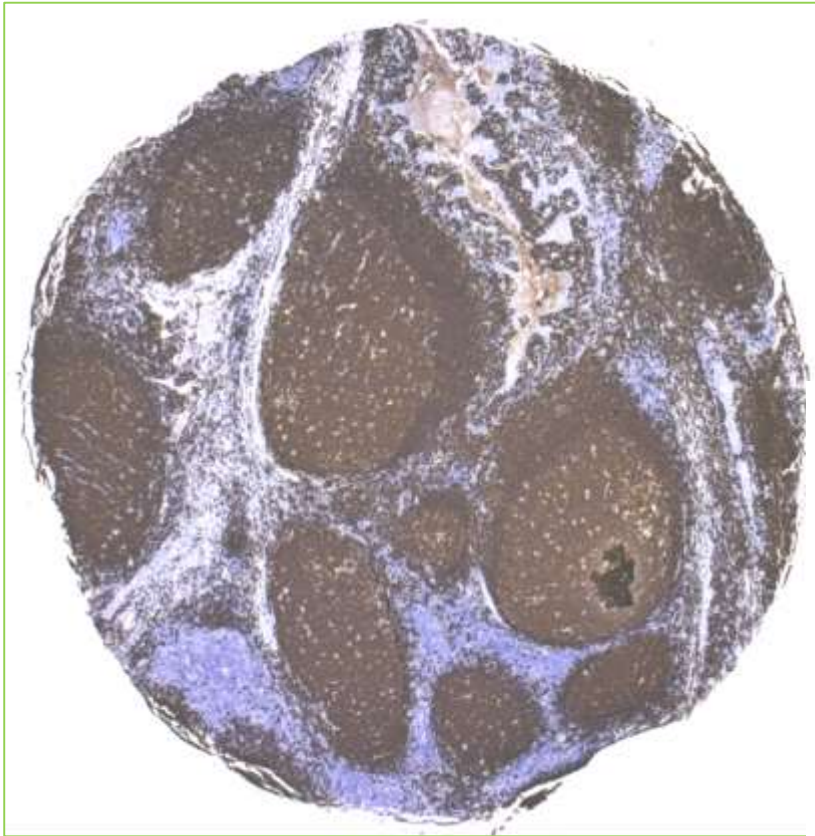
CD23 aankleuring

	A	B	C	D	E	F
Tumorcellen	☐	☐	☐	☐	☐	☐
Reactieve lymfocyten	☐	☐	☐	☐	☐	☐
Endotheel	☐	☐	☐	☐	☐	☐
Epitheel	☐	☐	☐	☐	☐	☐
Macrofagen/histiocyt	☐	☐	☐	☐	☐	☐
Dendritische cellen	☐	☐	☐	☐	☐	☐
Hepatocyten	☐	☐	☐	☐	☐	☐
Geen aankleuring	☐	☐	☐	☐	☐	☐
Niet te beoordelen	☐	☐	☐	☐	☐	☐

Beoordeling

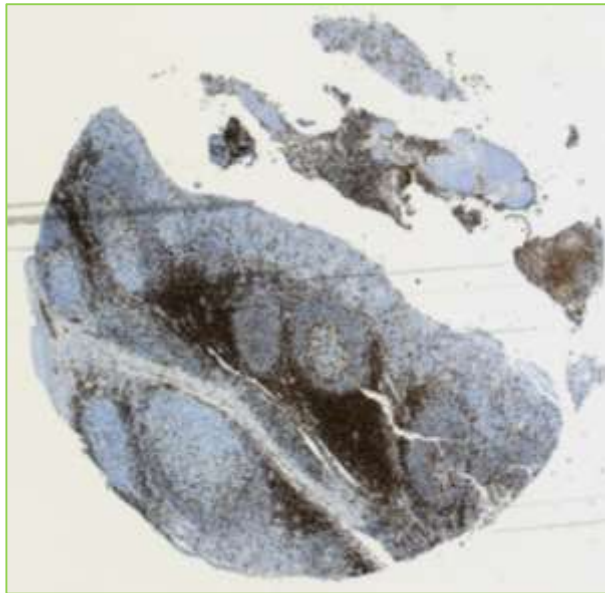
	2014.1	2015.1
CD20 membraan B-cellen	Goed	Goed
CD5 membraan T-cellen, CLL, MCL, (DLBCL), (epitheel)	Veel variatie, deels te zwak, MCL negatief, deels te sterk of achtergrond	Deels te zwak, MCL negatief
CD23 membraan FDC-netwerken, (mantel), CLL, (DLBCL)	Overwegend voldoende, enkele te zwak of achtergrond	Groot verschil in sterkte > variatie in positieve weefsels+interpretatie
Bcl-6 kern kiemcentrum, FL, DLBCL, (epitheel)	Deels erg zwak of slechte morfologie	Overwegend voldoende
Cycl D1 kern Epitheel, MCL, (endotheel), (histiocyten)	Voldoende, wisselende sterkte - 2x kloon P2D11F11 (geconc) zwak+achtergrond	Enkele onvoldoende, 3 x kloon P2D11F11 (geconc) te zwak

CD20 tonsil 2,5x



CD5

tonsil



MCL



CLL



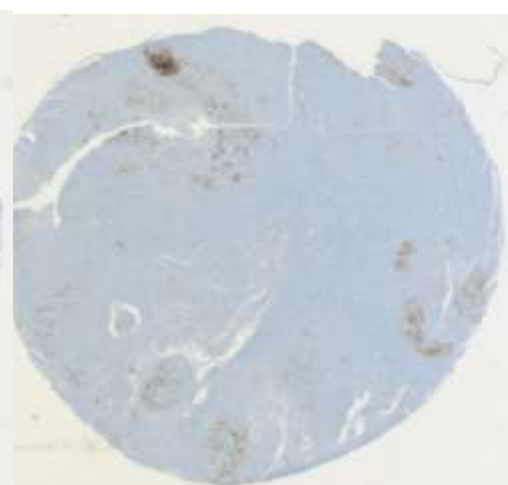
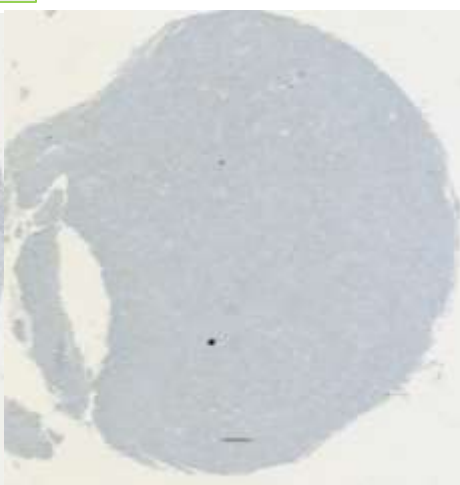
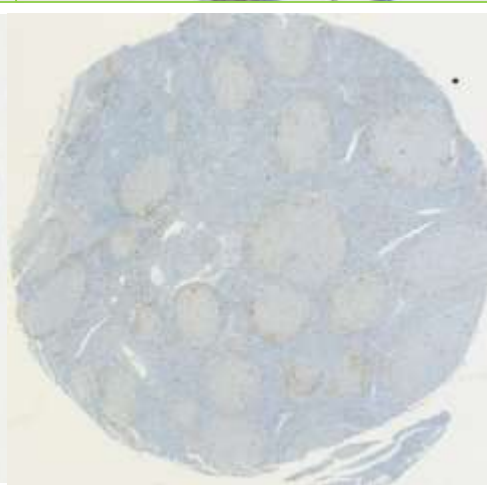
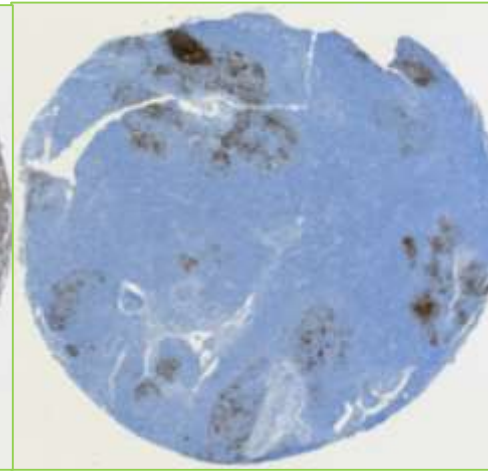
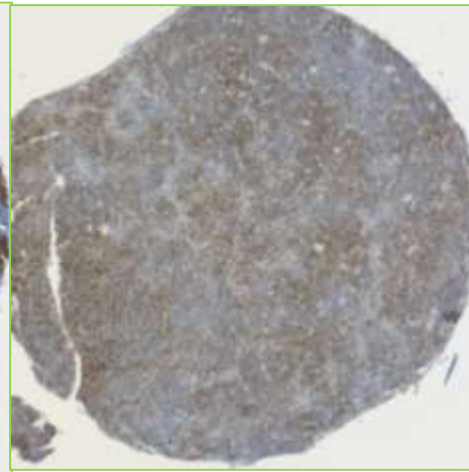
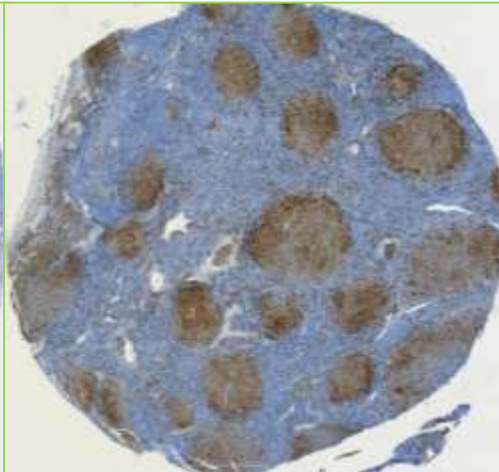
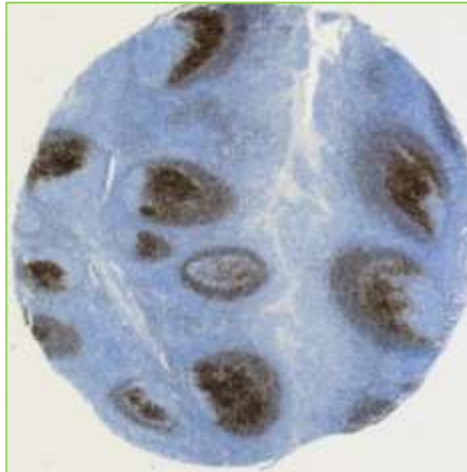
CD23

tonsil

FL

DLBCL

MCL



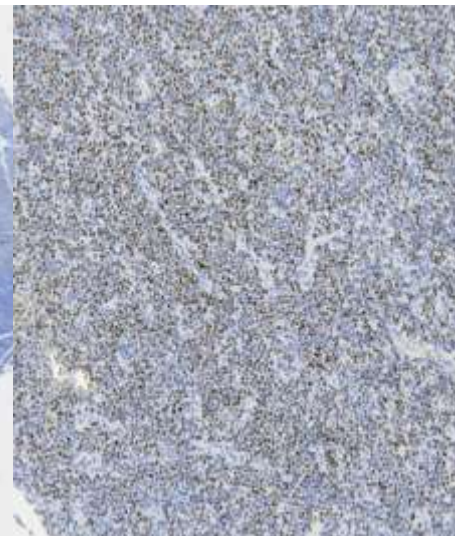
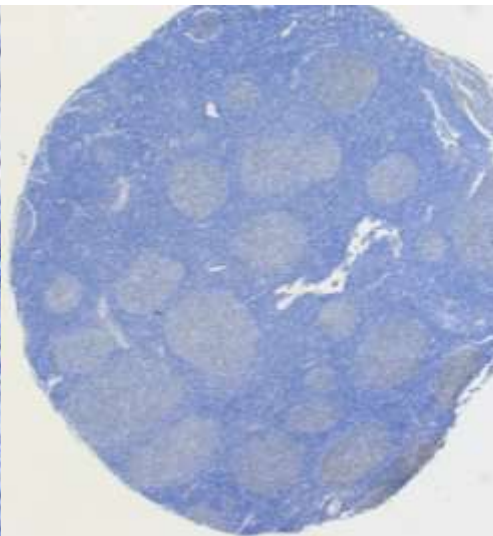
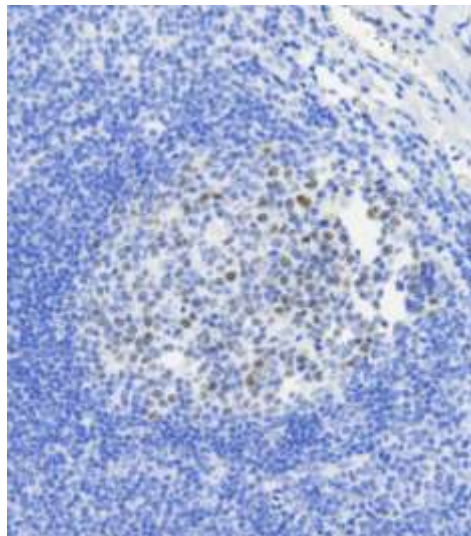
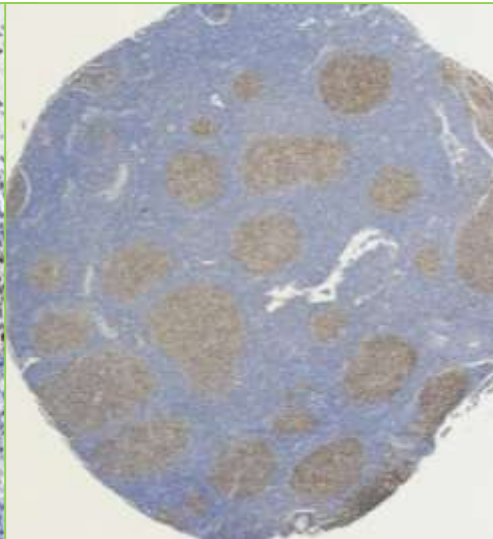
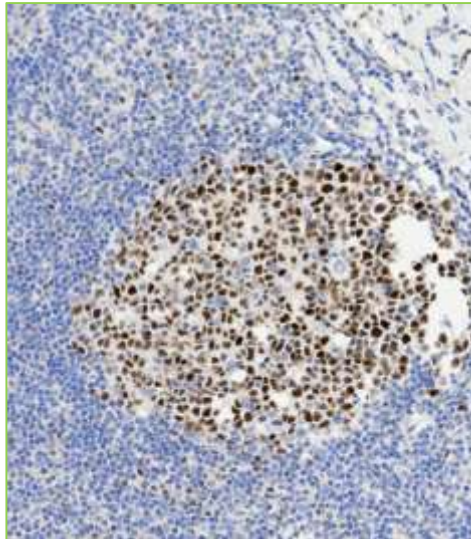
Bcl-6

tonsil

FL

DLBCL

MCL

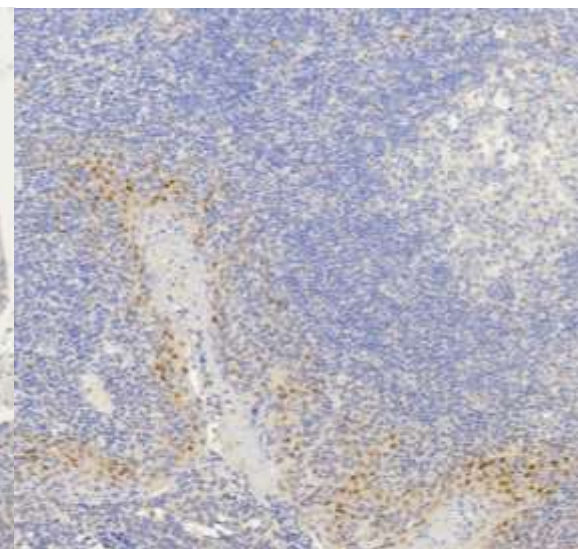
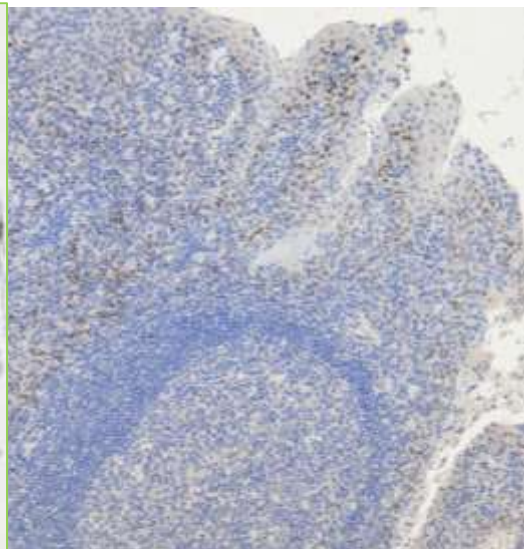
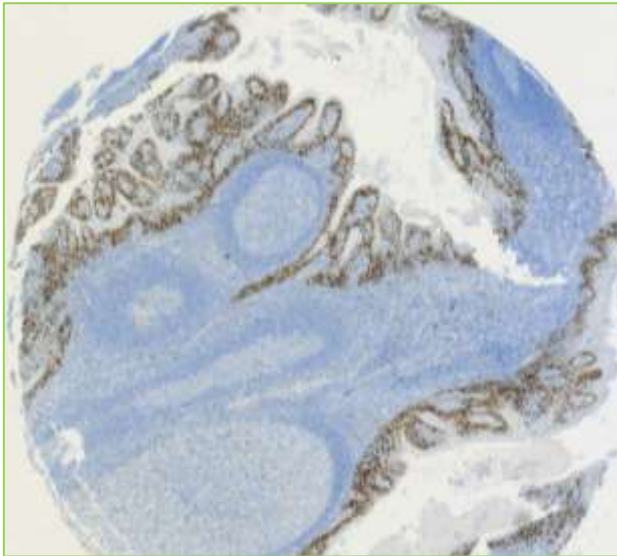


Cycline D1

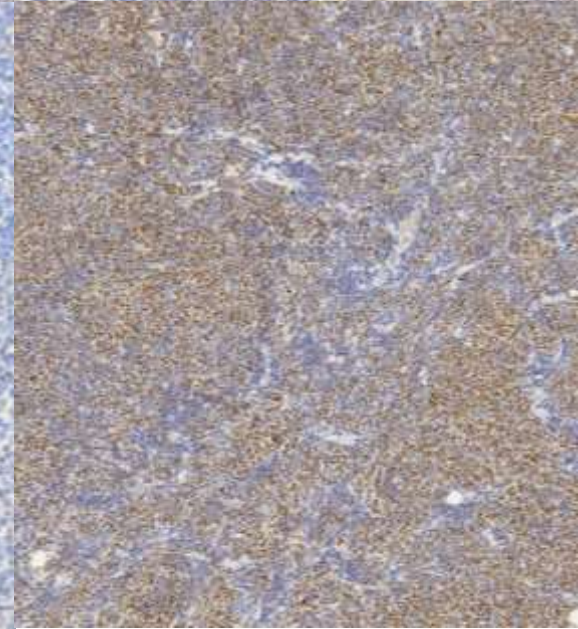
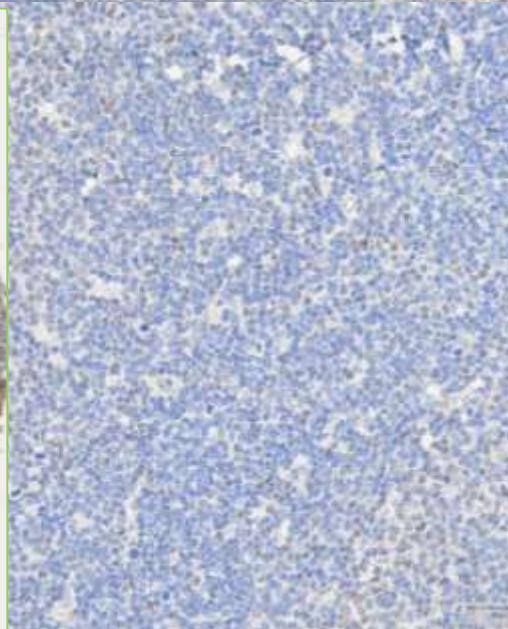
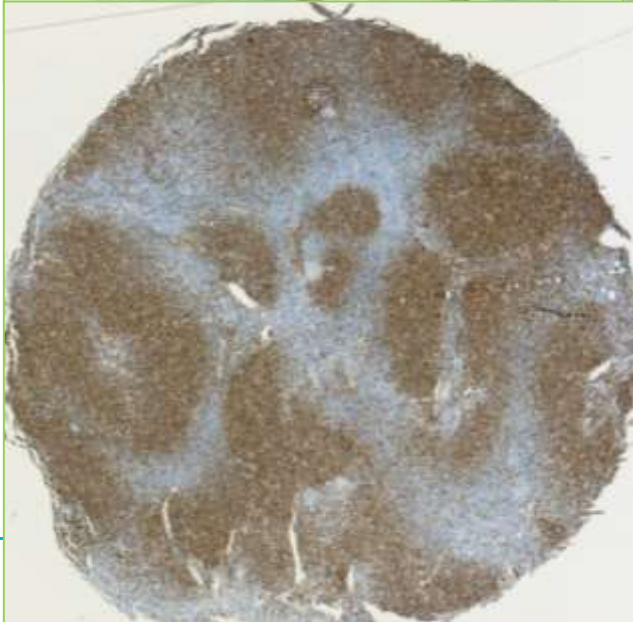
kloon P2D11F11 (geconc)

Idem 2014

tonsil



MCL



Overzicht totale score

PATHO 2014.1

PATHO 2015.1

Totaal aantal

deelnemers:

34

29

Conclusievragen

ingevuld:

30

28

Totale score	Aantal deeln.	%	Aantal deeln.	%
48	8	27	5	18
47			6	21
46	10	33	5	18
45			5	18
44	4	13	1	4
42	2	7	2	7
40	3	10		
39			1	4
38			1	4
36	2	7		
32			1	4
30			1	4
20	1	3		

Opmerkingen

- kern tegen kleuring te zwak > morfologie niet te beoordelen
- kleuring te sterk > geen nuances bv. CD20 (CLL!), CD5 (T-cel vs. CLL)
- discrepantie eigen/externe beoordeling en antwoord

Cycline D1 kleuring voldoet:

