

Original Article

T-cell Receptor (TCR)-V β Repertoire Flow Cytometry for T-cell Lymphoproliferative Disorder: a Retrospective Analysis of a Single-Center Real-Life Laboratory Experience

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Supplementary Materials

Table 1A. Patient characteristics stratified according to MFC clustered diagnosis.

Abbreviations: ALC, absolute lymphocyte count; PTL, peripheral T lymphocytosis; TLD, T lymphoproliferative disease; TNKLD, T-NK lymphoproliferative disease; WBCs, white blood cells.

	TLD	TNKLD	PTL
Total cohort, n (%)	134 (43.6)	157 (51.2)	16 (5.2)
Median age, years (range)	66 (35-90)	65 (39-88)	53 (37-75)
WBC x10 ⁹ /L, median (range)	11.77 (6.6-415.9)	8.76 (7.5-29.9)	9.82 (6.1-14.5)
ALC x10 ⁹ /L, median (range)	6.09 (4.1-224.6)	5.42 (4.0-26.6)	6.28 (4.3-7.5)
Pathological T cell x10 ⁹ /L, median (range)	3.69 (1.1-215.6)	1.89 (1.0-23.9)	---
Reactive T cell x10 ⁹ /L, median (range)	---	---	3.58 (1.1-5.8)
Residual B cell x10 ⁹ /L, median (range)	0.19 (0.12-13.4)	0.19 (0.1-3.1)	0.19 (0.7-1.9)

Table 1B. Patient diagnosis according to MFC baseline analysis. Percentages (%) are referred to the total population of 307 patients.

Abbreviations: TLDs, T cell lymphoproliferative disorders; T-NKLDs, T-NK lymphoproliferative disorders; PTL, polyclonal/reactive T lymphocytosis.

Diagnosis	Patients n (%)
TLDs	
CD4+	60 (19%)
CD20+	1
HLADR+	3
sCD3-/cCD3+	4
CD8+	55 (18%)
CD20+	2
HLA-DR+	2
CD4+/CD8+	8 (3%)
CD4-/CD8-	3 (1%)
TCR γ/δ	8 (3%)
T-KNLDs	
CD4+	16 (5%)
CD56+	12
CD57+	6
CD158a/b+	3
CD8+	102 (33%)
CD56+	43
CD57+	54
CD158a/b+	38
CD16+	38
HLA-DR+	3
CD4+/CD8+	20 (7%)

CD4-/CD8-	6 (2%)
TCR γ/δ	13 (4%)
PTLs	
CD8+ HLA-DR+	16 (5%) 9