

Factors Influencing Fluorescence-activated Cell Sorting for Multiple Myeloma Fluorescence *in situ* Hybridization: Real-world Experience

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Supplemental Data Table S1. Patient characteristics (N=457)

Characteristic		Median (IQR) or N (%)
Age, yrs		67.0 (59.0–75.0)
Male sex		241 (52.7)
Diagnosis		
	Plasma cell myeloma	319 (69.8)
	Monoclonal gammopathy of undetermined significance	74 (16.2)
	Plasma cell myeloma s/p chemotherapy	16 (3.5)
	Plasmacytoma	13 (2.8)
	Amyloidosis	11 (2.4)
	Plasma cell myeloma s/p hematopoietic stem cell transplantation	11 (2.4)
	Smoldering plasma cell myeloma	8 (1.8)
	Plasma cell leukemia	2 (0.4)
	Non-Hodgkin lymphoma	2 (0.4)
	Plasmacytosis	1 (0.2)
Bone marrow plasma cell percentage		24.3 (10.0–53.4)
	≥10%	342 (74.8)
	<10%	115 (25.2)
Immunological and biochemical markers		
	Hb (g/L)	102 (85–121)
	Ca ²⁺ (mg/dL)	9.1 (8.6–9.6)
	Creatinine (mg/dL)	0.9 (0.7–1.5)
	Albumin (g/dL)	3.8 (3.2–4.3)
	β2-microglobulin (mg/dL)	3.4 (2.2–5.9)
	Serum FLC ratio	2.2 (0.2–49.0)
	Serum M-protein (g/dL)	1.0 (0.1–3.4)
Immunoglobulin type		
Heavy chain		
	IgG	256 (56.0)
	IgA	72 (15.8)
	IgD	11 (2.4)
	IgM	7 (1.5)

	IgD and IgE	5 (1.1)
	IgG and IgA	3 (0.7)
	IgM and IgA	1 (0.2)
	IgM and IgG	1 (0.2)
Light chain only		61 (13.3)
	No monoclonal band	39 (8.5)
	No information	1 (0.2)
	Light chain	
	Kappa	188 (41.1)
	Lambda	157 (34.4)
	Kappa light chain disease	31 (6.8)
	Lambda light chain disease	27 (5.9)
	Kappa and lambda	5 (1.1)
	IgD lambda and free lambda light chain	1 (0.2)
	IgA kappa and free kappa light chain	1 (0.2)
	IgD lambda and IgE lambda and lambda light chain disease	3 (0.7)
	IgD kappa and IgE kappa and kappa light chain disease	2 (0.4)
	Oligoclonal kappa bands	1 (0.2)
	Oligoclonal bands (kappa and lambda bands)	1 (0.2)
	No monoclonal band	39 (8.5)
	No information	1 (0.2)
Karyotype		
	Normal	310 (67.8)
	Hyperdiploidy	79 (17.3)
	Other abnormality	58 (12.7)
	Not interpretable	9 (2.0)
	No information	1 (0.2)

Abbreviations: IQR, interquartile range; s/p, status post; FLC, free light chain.