













CORRECTION

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Correction: MASS-FIX for the detection of monoclonal proteins and light chain N-glycosylation in routine clinical practice: a cross-sectional study of 6315 patients

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The original article has been updated.

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Table 1 in this article was published with some comments in the original version. We apologize for the mistake. This has been corrected below:

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Table 1 Demographic and laboratory characteristics of 4118 MASS-FIX positive patients, stratified by non-LC N-glycosylated (3897) and LC N-glycosylated (221) subgroups.

	Total MASS-FIX Positive	No LC N-glycosylation	LC N-glycosylation	P value
Men	2476 (60)	2335 (60)	141 (64)	0.25
Age at diagnosis [median years (IQR)]	67 (59–74)	67 (59–74)	69 (59–74)	0.77
Follow-up from diagnosis [median years (IQR)]	1.5 (0.5–5.1)	1.5 (0.5–5.1)	1.6 (0.5–5.2)	0.57
Time from diagnosis to MASS-FIX [median months (IQR)]	3.5 (0.1–50.7)	3.3 (0.1–50.5)	5.0 (0.1–55.3)	0.09
Treated prior to MASS-FIX	1299 (32)	1221 (31)	78 (35)	0.22
Free light chains				
Increased FLC ratio (kappa)	1443 (39)	1333 (38)	110 (55)	<0.001
Decreased FLC ratio (lambda)	557 (15)	536 (15)	21 (10)	0.06
Normal FLC ratio	1681 (46)	1611 (46)	70 (35)	
Serum protein electrophoresis				
Quantifiable M-spike	1671 (41)	1538 (39)	133 (60)	0.18(78)
MASS-FIX characteristics				
IgG isotype ^a	2575 (63)	2436 (63)	139 (63)	0.91
IgA isotype ^a	703 (17)	685 (18)	18 (8)	<0.001
IgM isotype ^a	710 (17)	655 (17)	55 (25)	0.002
IgD/IgE isotype ^b	15 (<1)	15 (<1)	0	
Kappa light chain restricted ^a	2374 (58)	2201 (56)	173 (78)	<0.001
Lambda light chain restricted ^a	1886 (46)	1838 (47)	48 (22)	<0.001
Free heavy chain	2 (<1)	2 (<1)	0	
Light chain only	283 (7)	272 (7)	11 (5)	0.25
Kappa free light chain	121 (43)	115 (42)	6 (55)	
Lambda free light chain	162 (57)	157 (58)	5 (45)	
Monoclonal pattern	3626 (88)	3437 (88)	189 (85)	0.23
Biclonal pattern	228 (6)	210 (5)	18 (8)	0.08
Triclonal pattern	7 (<1)	4 (<1)	3 (1)	

Data are given as [n (%)] unless otherwise noted. IQR, interquartile range. FLC ratio was available for 3681 MASS-FIX positive patients, 3480 non-LC N-glycosylated patients, and 201 LC N-glycosylated patients. For the LC N-glycosylation subgroup, MASS-FIX categories for heavy chain isotypes, involved light chain, light chain only, and clonality are in reference to the glycosylated monoclonal protein.

Bolded *p* values indicate statistically significant differences between non-LC N-glycosylated and LC N-glycosylated groups.

^aFor the MASS-FIX positive group and non-LC N-glycosylated subgroup, light chain restriction and overall heavy chain isotype are not mutually exclusive due to biclonality; for the LC N-glycosylation subgroup, overall heavy chain isotype is mutually exclusive, with the exception of two patients with biclonal patterns and LC N-glycosylation of both clones (both patients were IgM kappa and IgG kappa).

^bMASS-FIX is not set up to detect monoclonal IgD/IgE. Light chains detected by MASS-FIX and samples reflexed to standard, gel-based immunofixation.