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Author Correction: Seven day pre-analytical stability of serum and plasma neurofilament light chain

Patrick Altmann, Markus Ponleitner, Paulus Stefan Rommer, Helmuth Haslacher, Patrick Mucher, Fritz Leutmezer, Axel Petzold, Christoph Wotawa, Rupert Lanzenberger, Thomas Berger, Henrik Zetterberg & Gabriel Bsteh

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The original version of this Article contained errors, where the intraindividual coefficient of variation (iCOV) was calculated incorrectly.

As a result, in the Results section under the subheading 'NfL concentrations in serum and plasma withstand delayed processing up to 7 days',

"For all three altered pre-freezing intervals, intraindividual variation (iCOV) was minimal (for samples stored for 7 days at room temperature; serum: 1.2%, plasma: 1.3%) and reproducibility close to perfect (for samples stored for 7 days at room temperature; serum: ICC = 0.99, plasma: ICC = 0.94)."

now reads:

"For all three altered pre-freezing intervals, intraindividual variation (iCOV) was minimal (for samples stored for 7 days at room temperature; serum: 9.0%, plasma: 6.5%) and reproducibility close to perfect (for samples stored for 7 days at room temperature; serum: ICC = 0.99, plasma: ICC = 0.94)."

Additionally, under the subheading 'Inter-assay variability' of the Results section,

"For sNfL, the iSD was 0.6 pg/mL (range 0.5–1.2), the iCOV 0.1% (range 0.0–0.1) and the ICC 1.0 (range 0.99–1.00). For pNFL, the iSD was 1.6 pg/mL (range 0.8–2.7), the iCOV 0.1% (range 0.1–0.2) and the ICC 0.99 (range 0.90–1.00)."

now reads:

"For sNfL, the iSD was 0.6 pg/mL (range 0.5–1.2), the iCOV 4.8% (range 2.0–6.0) and the ICC 1.0 (range 0.99–1.00). For pNFL, the iSD was 1.6 pg/mL (range 0.8–2.7), the iCOV 12.7% (range 6.0–18.0) and the ICC 0.99 (range 0.90–1.00)."

Furthermore, Table 3 contained errors in the "iCOV (%)" columns for "Freezing intervals: 3 days RT", "Freezing intervals: 3 days 4-8 °C" and "Freezing intervals: 7 days RT".

The original Table 3 and accompanying legend appear below.

The original Article has been corrected.

	Freezing interval: 3 days RT			Freezing interval: 3 days 4-8 °C			Freezing interval: 7 days RT		
	iSD [pg/mL]	iCOV (%)	ICC	iSD [pg/mL]	iCOV (%)	ICC	iSD [pg/mL]	iCOV (%)	ICC
(a) sNfL									
Whole cohort (and range)	1.5	1.2	0.97	1.7	1.2	0.98	1.3	1.2	0.99
	0.3–2.6	1.1–1.3	0.94–0.99	0.9–2.6	1.1–1.2	0.96–0.99	0.5–2.0	1.1–1.3	0.97–0.99
Lowest quartile (and range)	0.5	1.2	0.90	0.4	1.2	0.91	0.5	1.2	0.90
	0.1–0.9	1.0–1.3	0.65–0.94	0.2–0.6	1.2–1.3	0.66–0.94	0.1–0.8	1.1–1.4	0.64–0.93
Highest quartile (and range)	3.4	1.2	0.92	4.3	1.2	0.94	2.7	1.2	0.95
	1.5–8.4	1.0–1.4	0.60–0.98	1.2–7.3	1.0–1.3	0.69–0.99	0.5–5.9	1.1–1.4	0.78–0.99
(b) pNfL									
Whole cohort (and range)	1.3	1.2	0.98	1.7	1.1	0.96	0.7	1.3	0.94
	0.6–2.0	1.1–1.3	0.96–0.99	0.6–2.7	1.1–1.2	0.92–0.98	0.4–1.1	1.2–1.3	0.90–0.99
Lowest quartile (and range)	0.4	1.2	0.90	0.6	1.1	0.90	0.5	1.2	0.88
	0.2–0.6	1.1–1.3	0.61–0.92	0.2–1.0	0.9–1.3	0.60–0.93	0.3–0.7	1.1–1.3	0.59–0.91
Highest quartile (and range)	3.4	1.2	0.91	4.5	1.1	0.86	1.7	1.3	0.84
	0.6–6.2	1.0–1.3	0.53–0.98	0.2–9.0	0.9–1.4	0.27–0.98	0.1–3.3	1.1–1.4	0.59–0.90

Table 3. Reliability of NfL concentrations at different freezing intervals compared to immediate freezing. Mean values and 95% confidence intervals for (a) serum neurofilament light chain (sNfL) and (b) plasma neurofilament light chain (pNfL). *ICC* intraclass correlation coefficient, *iCOV* intraindividual coefficient of variance, *iSD* intraindividual standard deviation, *pNfL* plasma neurofilament light chain, *RT* room temperature, *sNfL* serum neurofilament light chain.