

Erratum to: Synovial Cytokines and the MSIS Criteria Are Not Useful for Determining Infection Resolution After Periprosthetic Joint Infection Explantation

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In the published study, “Synovial Cytokines and the MSIS Criteria Are Not Useful for Determining Infection Resolution After Periprosthetic Joint Infection Explantation” the sensitivity and specificity for alpha-defensin detailed in the last paragraph of the Results section is incorrect. The sentence detailing the data should read: “ α -defensin had the highest sensitivity (0.97 [CI, 0.90–1.00]) and specificity (0.98 [CI, 0.95–1.00]) (Table 4; Appendix 3 [Supplemental materials are available with the online version of *CORR*®.]).

Additionally, in Table 4, the α -defensin data regarding sensitivity, specificity, positive predictive value, negative predictive value, and accuracy were incorrect as published. The corrected Table 4 is given below.

Finally, in Appendix 3, the α -defensin data regarding True Negatives, False Positives, and False Negatives were incorrect as published. The corrected Appendix 3 is available as Supplemental materials with the online version of *CORR*®.

The authors apologize for these errors.

The online version of the original article can be found under doi:[10.1007/s11999-016-4710-x](https://doi.org/10.1007/s11999-016-4710-x).

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Table 4. Cumulative accuracy of the four most studied markers for the detection of PJI

Marker	Studies	Total number	Sensitivity*	Specificity*	PPV	NPV	Accuracy
CRP	5,6,14,16,18,20,22,24	655	0.78 (0.72–0.83)	0.95 (0.93–0.97)	0.89	0.89	0.89
IL-6	4,6,9,11,12,13,19	513	0.87 (0.81–0.92)	0.89 (0.86–0.92)	0.8	0.94	0.89
α -defensin	1,5,6	305	0.97 (0.90–1.00)	0.98 (0.95–1.00)	0.94	0.99	0.97
IL-1 β	4,6,9,13	259	0.81 (0.70–0.89)	0.93 (0.88–0.96)	0.83	0.92	0.89

* Ninety-five confidence intervals in parentheses; PJI = periprosthetic joint infection; PPV = positive predictive value; LE = Leukocyte esterase; NPV = negative predictive value; CRP = C-reactive protein; IL = interleukin.