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.

Electronic supplementary material The online version of this article (doi:10.1007/s11999-016-4824-1) contains supplementary material, which is available to authorized users.

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

* 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.