Corrigendum to “Advances of Techniques in Deep Regional Blocks”

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In the article titled “Advances of Techniques in Deep Regional Blocks” [1], Table 1 was missing. Accordingly, the table is shown below, and its in-text citation is added as follows:

Our preliminary qualitative analysis demonstrated that, by using the pressure management system of Injectomat Agilia\(^\text{®}\) pump (Fresenius Vial, Brezins, France) as an in-line manometer between the needle (the tip inserted 3 cm into the pork model) and the low-dead space extension tube, pushing pressure generated by the act of half-the-air was below 15 psi during injection (experiment was run in triplicate, and occlusion alarm did not occur after the flow had commenced in response to half-the-air pressure exerted in the 20 mL local anesthetic syringe with the syringe pump set to an infusion rate of 0.1 ml/h and a pressure limit of 750 mmHg) (Table 1).
Table 1: Qualitative analysis of injection pressure for the half-the-air setting.

<table>
<thead>
<tr>
<th>Compressed air volume</th>
<th>50% (half-the-air) (5 ml compression)</th>
<th>60% (6 ml compression)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Repeated experiments</td>
<td>Set 1</td>
<td>Set 2</td>
</tr>
<tr>
<td>Step 1: not open to the needle</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Step 2: maintaining step 1 pressure and then open to the needle

By using the pressure management system of Injectomat Agilia pump (Fresenius Vial, Brezins, France) as an in-line manometer, pressure within the half-the-air setting (ten milliliters of air was aspirated into the syringe above 10 ml local anesthetic [LA]) was assessed by adding an extra three-way stopcock between the needle (the tip inserted 3 cm into the pork) and the low-dead space extension tube with the side female luer lock connecting to the Agilia syringe pump via a pressure tube. The syringe pump was set to a minimal infusion rate of 0.1 ml/h and a pressure limit of 750 mmHg. Each experiment was run in triplicate. Green dot: "without" pressure (occlusion) alarm within 5 sec of injection. Red dot: "with" pressure (occlusion) alarm within 5 sec of injection. D5W: 5% dextrose water.

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The work reported in this corrigendum was supported by a grant from Hualien Armed Forces General Hospital. Ko-Huan Lin (Division of Psychiatry, Hualien Armed Forces General Hospital, Hualien, Taiwan) and Jui-An Lin contributed equally to this corrigendum.

References

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