Supplemental Table 3. The effects of different pharmacological therapies on serum calcium

<table>
<thead>
<tr>
<th>Specific measures</th>
<th>Percent reduction in serum calcium</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azoles</td>
<td>5-31.3</td>
<td>16, 23, 26, 30, 31, 46</td>
</tr>
<tr>
<td>Bisphosphonates</td>
<td>12.8-20</td>
<td>21, 50, 52</td>
</tr>
<tr>
<td>Calcitonin</td>
<td>14.3-47.7</td>
<td>37, 40</td>
</tr>
<tr>
<td>Cinacalcet</td>
<td>10.3-18.2</td>
<td>35</td>
</tr>
<tr>
<td>Denosumab</td>
<td>14.7-24.1</td>
<td>52</td>
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<tr>
<td>Furosemide</td>
<td>22.4</td>
<td>50</td>
</tr>
<tr>
<td>Glucocorticoids</td>
<td>20.2-38.1</td>
<td>20, 26, 31</td>
</tr>
<tr>
<td>Hydrochlorothiazide</td>
<td>6.4</td>
<td>27</td>
</tr>
<tr>
<td>Rifampine</td>
<td>6.5-8.6</td>
<td>43</td>
</tr>
<tr>
<td>Furosemide + bisphosphonates</td>
<td>19.4-23</td>
<td>9, 50</td>
</tr>
<tr>
<td>Furosemide + calcitonin</td>
<td>6.8-22.9</td>
<td>28, 50</td>
</tr>
<tr>
<td>Furosemide + glucocorticoids</td>
<td>0*-13.7</td>
<td>17, 21, 52</td>
</tr>
<tr>
<td>Furosemide + azoles</td>
<td>30.6</td>
<td>22</td>
</tr>
<tr>
<td>Furosemide + calcitonin + bisphosphonates</td>
<td>40.2</td>
<td>55</td>
</tr>
<tr>
<td>Furosemide + glucocorticoids + bisphosphonates + potassium phosphate</td>
<td>45.3</td>
<td>48</td>
</tr>
<tr>
<td>Glucocorticoids + bisphosphonates</td>
<td>29.4-33.3</td>
<td>28, 52</td>
</tr>
<tr>
<td>Glucocorticoids + calcitonin + bisphosphonates + potassium phosphate</td>
<td>46.5</td>
<td>48</td>
</tr>
</tbody>
</table>

The percent reduction is calculated as the percentage difference between total serum calcium after pharmacological therapy and the last available total serum calcium before pharmacological therapy and reported as a range (min-to-max) when more than one case was reported.

* The case reported di Arnold and coll. describes an increase in serum calcium concentrations following the administration of furosemide and glucocorticoids; as a consequence, we express the minimum of the percentage reduction range as 0.