Appendix 2.

Distribution of studies across medical specialty or health science, number of studies, and participants enrolled according to number of studies

<table>
<thead>
<tr>
<th>Medical Specialty or Health Science</th>
<th>Subjects of Healthcare Education</th>
<th>No. Studies</th>
<th>No. Participants (according to number of studies)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy (6 studies)</td>
<td>Foot Muscles</td>
<td>1</td>
<td>171</td>
</tr>
<tr>
<td></td>
<td>Lower Limb</td>
<td>1</td>
<td>211</td>
</tr>
<tr>
<td></td>
<td>Skull</td>
<td>1</td>
<td>59</td>
</tr>
<tr>
<td></td>
<td>Human Gross Anatomy</td>
<td>2</td>
<td>880+72</td>
</tr>
<tr>
<td></td>
<td>Neuroanatomical Pathways</td>
<td>1</td>
<td>70</td>
</tr>
<tr>
<td>Anesthesia (7 studies)</td>
<td>Central Vein Catheterization</td>
<td>4</td>
<td>32+20+65+40</td>
</tr>
<tr>
<td></td>
<td>Lumbar Puncture</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Spinal Needle Insertion</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>Ultrasound Examination for Trauma (Telemedicine)</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td>Cardiology</td>
<td>Electrocardiogram Recording</td>
<td>1</td>
<td>20</td>
</tr>
<tr>
<td>Dermatology</td>
<td>Skin Diseases</td>
<td>1</td>
<td>44</td>
</tr>
<tr>
<td>Family Medicine</td>
<td>Continuing Professional Development*</td>
<td>1</td>
<td>15</td>
</tr>
<tr>
<td>Forensic Medicine</td>
<td>Gunshot Wounds</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>Gastroenterology</td>
<td>Nasogastric Tube Insertion (Nursing)</td>
<td>1</td>
<td>69</td>
</tr>
<tr>
<td>Neurology</td>
<td>Shelf Exam Preparation</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td>Ophthalmology (2 studies)</td>
<td>Binocular Indirect Ophthalmoscopy</td>
<td>2</td>
<td>37+31</td>
</tr>
<tr>
<td>Orthopedics</td>
<td>Facet Joint Injections</td>
<td>1</td>
<td>26</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>Cardiopulmonary Resuscitation</td>
<td>1</td>
<td>20</td>
</tr>
<tr>
<td>Radiology (3 studies)</td>
<td>Resection Planning (Neurosurgery)</td>
<td>1</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>Needle Insertion (MRI)</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Needle Insertion (CT scan)</td>
<td>1</td>
<td>Not Specified</td>
</tr>
</tbody>
</table>

*A theoretical application was devised from an anatomy application.*

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