Supplemental Digital Appendix 1

Data Sources, Literature Review Strategy, and Results for Searching the Published Literature (Searches Conducted in July 2009 and April 2010, Combined)

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<th>Data source</th>
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<tr>
<td>BEME</td>
<td>&quot;Find on page&quot; search for the term &quot;80&quot;</td>
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<td>CINAHL</td>
<td>keyword search of resident AND 80 hours</td>
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<td>COCHRANE database of systematic reviews</td>
<td>&quot;ACGME&quot; in title, abstract, or keywords (&quot;resident&quot; in abstract or &quot;registrar&quot; in abstract) and &quot;duty&quot; in abstract and &quot;hour&quot; in abstract and &quot;restriction&quot; in abstract</td>
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<tr>
<td>Conference Papers Index</td>
<td>residents AND 80 AND hours</td>
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<td>1</td>
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<td>Dissertations and Theses</td>
<td>(residents) AND (80) AND (hours)</td>
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<td>2</td>
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<td>EMBASE</td>
<td>resident AND 80 hours limited to human and 2008-2010</td>
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<tr>
<td>EMBASE</td>
<td>(workload OR &quot;work schedule&quot; OR &quot;work schedule tolerance&quot; OR fatigue OR &quot;mental fatigue&quot; OR &quot;work hours&quot; OR &quot;personnel staffing&quot; OR scheduling) AND (sleep OR &quot;sleep deprivation&quot; OR &quot;sleep disorder&quot; OR &quot;circadian rhythm&quot; OR chronobiology) AND (residency OR &quot;education, medical, graduate&quot; OR &quot;internship and residency&quot; OR &quot;night float&quot;), limited to 2005-2010</td>
<td>170</td>
<td>167</td>
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<tr>
<td>ERIC</td>
<td>exp Graduate Medical Education/ limited to yr &quot;2007 - 2010&quot;</td>
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<td>Proceedings First</td>
<td>Residents AND 80 hours</td>
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<table>
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<th>Data source</th>
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<tr>
<td>PsycInfo</td>
<td>residents and 80 and hours limited to 2008-2010</td>
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<td>PubMed</td>
<td>(80 hour AND residents)</td>
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<td>PubMed</td>
<td>Related articles search related to Fletcher et al., and related articles on relevant related articles</td>
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<td>PubMed</td>
<td>(workload OR &quot;work schedule&quot; OR &quot;work schedule tolerance&quot; OR fatigue OR &quot;mental fatigue&quot; OR &quot;work hours&quot; OR &quot;personnel staffing&quot; OR scheduling) AND (sleep OR &quot;sleep deprivation&quot; OR &quot;sleep disorder&quot; OR &quot;circadian rhythm&quot; OR chronobiology) AND (residency OR “education, medical, graduate” OR “internship and residency” OR “night float”), limited to 2008-2010</td>
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<td>34</td>
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<td>Web of Science (Current Contents)</td>
<td>&quot;80 hours&quot;AND medical AND education + related articles search on relevant articles, limited to 2008-2010</td>
<td>27</td>
<td>24</td>
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<td>Overall</td>
<td>All above combined, duplicate articles removed, limited to 2008-2010</td>
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Supplemental Digital Appendix 2

Literature Published in 2008-2010 That Was Reviewed


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84. Goldstein EB, Savel RH, Chorost MI, Borgen PI, Cunningham J. Use of text messaging to enhance compliance with the accreditation council for graduate medical education resident duty hour requirements. Journal of Surgical Education. 2009;66(6):379-382.


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124. Lang, D. L. (2009). Burnout rate is lower among academic physicians when time is spent on meaningful work. Gastroenterology.


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American Association of Directors of Psychiatric Residency Training and the Association for Academic Psychiatry, 32(1), 54-60.


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185. Rodriguez-Paz, J. M., Kennedy, M., Salas, E., et al. (2009). Beyond "see one, do one, teach one": toward a different training paradigm. Postgraduate Medical Journal, 85(1003), 244-249.


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