

Additional material, Table 2: details of MERSQI scores

Author	design	sampling		type of data	Validity of instrument			Data analysis		Types of outcome measured			Total score	
		<i>Institutions studied</i>	<i>Response rate score</i>		<i>Internal structure</i>	<i>Content</i>	<i>Relationship to other variables</i>	<i>Appropriateness</i>	<i>Complexity</i>	<i>Satisfaction, attitudes, perception</i>	<i>Knowledge, skills</i>	<i>Behaviors</i>		<i>Patient/health care outcome</i>
Addison and Luparell (2014)	1	1	0.5	1	0	1	0	1	1	1	0	0	0	<b>7.5</b>
Alkaabi and Wong (2019)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Alshehry et al. (2019)	1	1	1.0	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Arslan Yürümezoğlu and Kocaman (2019)	1	1	1.0	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Bae et al. (2016)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Bansal (2014)	1	0.5	0.5	1	1	1	0	1	1	1	0	0	0	<b>8</b>
Berman-Kishony and Shvarts (2015)	1	0.5	0.5	1	0	1	1	1	2	1	0	0	0	<b>9</b>
Birks et al. (2017)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Bradley et al. (2015)	1	1.5	0.5	1	0	0	0	1	1	1	0	0	0	<b>7</b>
Brewer et al. (2013)	1	1.5	1.0	1	1	1	0	1	1	1	0	0	0	<b>9.5</b>
Budden et al. (2017)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Budin et al. (2013)	1	1.5	1.0	1	1	1	1	0	2	1	0	0	0	<b>10.5</b>
Chang et al. (2019)	1	1.5	1.5	1	1	1	1	1	2	1	0	0	0	<b>12</b>
Elhoseny and Adel (2016)	1	0.5	1.0	1	0	0	0	1	1	1	0	0	0	<b>6.5</b>
Elmblad et al. (2014)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>

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Finlayson et al. (2013)	1	1.5	0.5	3	0	1	1	1	2	0	0	2	0	<b>13</b>
Goettler et al. (2011)	1	0.5	1.5	1	0	1	0	1	2	1	0	0	0	<b>9</b>
Hamblin et al. (2016)	1	1.5	1.5	1	0	1	0	1	2	1	0	0	0	<b>10</b>
Heslin et al. (2019)	1	0.5	1.5	3	1	1	1	1	2	1	0	1	0	<b>14</b>
Heydari et al. (2015)	1	1.5	1.5	1	1	1	0	0	2	1	0	0	0	<b>10</b>
Kaiser (2017)	1	0.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>10</b>
Keller et al. (2018)	1	1.5	1.5	1	1	1	1	1	2	1	0	0	0	<b>12</b>
Keller et al. (2019)	1	1	1.5	3	1	0	1	1	2	1	0	1	0	<b>13</b>
Klingberg et al. (2018)	1	0.5	1.0	1	0	1	1	1	2	1	0	0	0	<b>9.5</b>
Layne et al. (2019)	1	0.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>9</b>
Lewis and Malecha (2011)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Minton et al. (2018)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Mullan et al. (2013)	1	1.5	1.5	1	0	1	0	1	2	1	0	0	0	<b>10</b>
Nemeth et al. (2017)	1	0.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>9</b>
Rehder et al. (2020)	1	1.5	1.5	1	1	1	1	1	2	1	0	0	0	<b>12</b>
Rosenstein and Naylor (2012)	1	1.5	0.5	1	0	1	0	1	1	1	0	0	0	<b>8</b>
Rosenstein and O'Daniel (2005)	1	1.5	0.5	1	0	1	0	1	1	1	0	0	0	<b>8</b>
Rosenstein and O'Daniel (2008)	1	1.5	0.5	1	0	1	0	1	0	1	0	0	0	<b>7</b>

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Ruvalcaba et al. (2018)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Sellers et al. (2012)	1	1.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>10</b>
Shetty et al. (2016)	1	1.5	0.5	1	0	1	0	1	2	1	0	0	0	<b>9</b>
Sliter et al. (2014)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Small et al. (2015)	1	1.5	0.5	1	0	1	0	1	2	1	0	0	0	<b>9</b>
Smith et al. (2018)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Tikva et al. (2019)	1	1.5	0.5	1	1	0	1	1	2	1	0	0	0	<b>10</b>
Veltman (2007)	1	1.5	1.0	1	0	0	0	1	1	1	0	0	0	<b>7.5</b>
Villafranca et al. (2019)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Viotti et al. (2018)	1	1.5	0.5	1	1	1	1	1	2	1	0	0	0	<b>11</b>
Walrath et al. (2013)	1	0.5	0.5	1	1	1	0	1	2	1	0	0	0	<b>9</b>