**Supplementary Table 1.** Quality assessment of included studies based on the Newcastle-Ottawa Scale.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Id | Author | Year | Place of study | Type of study | Selection (3 points) | Comparability (2 points) | Outcome (3 points) | Total (scores) |
| 1 | Levine and Nye | 1976 | USA | Cross-sectional | 3 | 0 | 2 | 5 |
| 2 | Miller *et al*. | 2008 | USA | Cross-sectional | 3 | 2 | 2 | 7 |
| 3 | Taghadosi *et al*. | 2010 | Iran | Cross-sectional | 3 | 0 | 2 | 5 |
| 4 | Esmerini *et al*. | 2010 | Brasil | Cross-sectional | 3 | 1 | 2 | 6 |
| 5 | Putignani *et al*. | 2011 | Italy | Cross-sectional | 3 | 2 | 2 | 7 |
| 6 | Zhang *et al*. | 2014 | China | Cross-sectional | 3 | 1 | 2 | 6 |
| 7 | Aksoy *et al*. | 2014 | Italy | Cross-sectional | 3 | 0 | 2 | 5 |
| 8 | Shapiro *et al*. | 2015 | USA | Cross-sectional | 3 | 2 | 2 | 7 |
| 9 | Aakool *et al*. | 2015 | Iraq | Cross-sectional | 3 | 0 | 2 | 5 |
| 10 | Ribeiro *et al*. | 2015 | Brasil | Cross-sectional | 3 | 1 | 2 | 6 |
| 11 | Marangi *et al*. | 2015 | Italy | Cross-sectional | 3 | 0 | 2 | 5 |
| 12 | Marquis *et al*. | 2015 | USA | Cross-sectional | 3 | 1 | 2 | 6 |
| 13 | Staggs *et al*. | 2015 | USA | Cross-sectional | 3 | 0 | 2 | 5 |
| 14 | Nasiri *et al*. | 2016 | Iran | Cross-sectional | 3 | 0 | 2 | 5 |
| 15 | Feitosa *et al*. | 2017 | Brasil | Cross-sectional | 3 | 0 | 2 | 5 |
| 16 | Cong *et al*.  | 2017 | China | Cross-sectional | 3 | 1 | 2 | 6 |
| 17 | Aziz Anah and Hamza Al-Mayali | 2018 | Iraq | Cross-sectional | 3 | 0 | 2 | 5 |
| 18 | Monteiro *et al*. | 2019 | Brasil | Cross-sectional | 3 | 1 | 2 | 6 |
| 19 | Coupe et al. | 2018 | New Zealand | Cross-sectional | 3 | 1 | 2 | 6 |
| 20 | Fausta Marino *et al*. | 2019 | Italy | Cross-sectional | 3 | 1 | 2 | 6 |
| 21 | Cong *et al*.  | 2019 | China | Cross-sectional | 3 | 2 | 2 | 7 |
| 22 | Marquis *et al*. | 2019 | USA | Cross-sectional | 3 | 1 | 2 | 6 |
| 23 | Tedde *et al*. | 2019 | Italy | Cross-sectional | 3 | 1 | 2 | 6 |
| 24 | Ferreira *et al*.  | 2020 | Brasil | Cross-sectional | 3 | 0 | 2 | 5 |
| 25 | Moraes Silva *et al*. | 2020 | Brasil | Cross-sectional | 3 | 1 | 2 | 6 |
| 26 | Santoro *et al.* | 2020 | Italy | Cross-sectional | 3 | 1 | 2 | 6 |