**Supplementary Table S7:** Quality assessment of analyzed studies

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| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **Representative sample?1** | **Assessment of outcome2** | **Outcome not present at start of study?** | **Sufficient length of follow-up?** | **Incidence based on time of diagnosis?** | **Data points for temporal analysis3**  |
| Almallouhi 20171 | B | A | Yes | Yes | Yes | B |
| Angeli 20122 | B | B | Yes | Yes | Yes | C |
| Beitnes 20173 | B | A | Yes | Yes | Yes | N/A\* |
| Bode 19964 | B | A | Yes | Yes | Yes | B |
| Burger 20145 | A | A | Yes | Yes | Yes | C |
| Cilleruelo 20146 | A | A | Yes | Yes | Yes | N/A |
| Collin 19977 | B | A | Yes | Yes | Yes | N/A |
| Collin 20078 | A | B | Yes | Yes | Yes | C |
| Cook 20049 | B | A | Yes | Yes | Yes | A |
| Corrao 199610 | B | A | Yes | Yes | Yes | N/A |
| Dydensborg 201211 | A | A | Yes | Yes | Yes | B |
| Fernandez 201012 | B | A | Yes | Yes | Yes | B |
| Fowell 200613 | B | A | Yes | Yes | Yes | C |
| Grode 201814 | A | B | Yes | Yes | Yes | C |
| Hawkes 200015 | B | A | Yes | Yes | Yes | B |
| Hurley 201216 | B | A | Yes | Yes | Yes | B |
| Jansen 199317 | A | A | Yes | Yes | Yes | B |
| Kivela 201518 | B | B | Unclear | Yes | Unknown | B |
| Lanzarotto 200419 | B | A | Yes | Yes | Yes | N/A† |
| Lanzini 200520 | B | A | Yes | Yes | Yes | N/A† |
| Lopez-Rodriguez 200321 | B | A | Yes | Yes | Yes | N/A\* |
| Ludvigsson 201322 | B | A | Yes | Yes | Yes | B |
| McGowan 200923 | B | A | Yes | Yes | Yes | B |
| Midhagen 198824 | B | A | Yes | Yes | Yes | B |
| Murray 200325 | B | A | Yes | Yes | Yes | C |
| Olsson 200926 | A | A | Yes | Yes | Yes | N/A± |
| Namatovu 201427 | A | A | Yes | Yes | Yes | A |
| Rajani 201028 | B | A | Yes | Yes | Yes | B |
| Ress 201229 | A | A | Yes | Yes | Yes | C |
| Schosler 201630 | B | A | Yes | Yes | Yes | N/A\* |
| Sher 199331 | B | A | Yes | Yes | Yes | N/A |
| Stewart 201132 | B | A | Yes | Yes | Most likely | C |
| Stewart 201333 | B | A | Yes | Yes | Most likely | C |
| Stroud 201934 | B | A | Yes | Yes | Yes | C |
| Tapsas 201535 | B | A | Yes | Yes | Yes | A |
| Tosic 201336 | B | A | Yes | Yes | Yes | N/A |
| Ussher 199437 | B | A | Yes | Yes | Yes | N/A |
| Van Kalleveen 201838 | B | A | Yes | Yes | Yes | N/A |
| Virta 200939 | A | B | Yes | Yes | Yes | N/A |
| Virta 201740 | A | B | Yes | Yes | Yes | C |
| West 201441 | A | B | Yes | Yes | Yes | A |
| White 201342 | B | A | Yes | Yes | Yes | A |
| Whyte 201343 | B | A | Yes | Yes | Yes | C |
| Zingone 2015a44 | B | A | Yes | Yes | Yes | N/A |
| Zingone 2015b45 | A | B | Yes | Yes | Yes | N/A |

1 A = yes, with nationwide data; B = yes, with regional data
2 A = adequate assessment of outcome; B = potential for minimal bias
3 A = sufficient data to calculate an overall AAPC and assess for ≥2 inflection points; B = sufficient data to calculate an overall AAPC and assess for 1 inflection point; C = sufficient data to calculate an overall AAPC
\*study not eligible for temporal analysis, but study performed statistical analysis with higher incidence in more recent time period (p < 0.05)
†study not eligible for temporal analysis independently, but when combined with data from another study in same region, AAPC could be calculated
±temporal analysis not performed as overlapping data with larger study

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