**NEWCASTLE - OTTAWA QUALITY ASSESSMENT SCALE FOR COHORT & CASE CONTROL STUDIES** Supplementary Material 1.

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| --- | --- | --- | --- | --- |
|   | **Selection** | **Comparability** | **Outcome** |  |
|
| **Study** | ***Representativeness*** of the exposed cohort population | Selection of the non-exposed ***control*** from the same community as the exposed cohort  | Ascertainment of exposure through secure ***record*** (e.g. surgical records)  | Demonstration that outcome of interest was ***not present at start*** of study | Comparability of cohorts on the basis of the design or analysis (e.g. ***comparative statistical analysis*** *of* ***primary outcome****)* | Comparability for any additional factor (e.g. ***comparative statistical analysis of secondary outcome****)* | ***Assessment of outcome*** through independent assessment or records  | ***Follow-up long enough*** for outcomes to occur | Adequacy of follow up of cohorts with **complete follow up** or - small number lost | **Score** |
| **Elopre, 2013**  | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 4 |
| **Gathe, 2016**  | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 4 |
| **Kelly et al. 2014** | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 9 |
| **Ling et al. 2016** | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 6 |
| **Mandalia et al. 2016** | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8 |
| **Ott et al. 2017** | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 4 |
| **Schunemann 2014** | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 4 |
| **Serrano-Villar et al. 2021** | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8 |
| **Utay et al. 2020** | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 7 |
| **Zhou et al. 2018** | 1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 4 |