**Table G-2. Quality Assessment of Observational Studies**

| **Author Year** | **Did the study attempt to enroll all (or a random sample of) patients meeting inclusion criteria, or a random sample (inception cohort)?** | **Were the groups comparable at baseline on key prognostic factors (e.g., by restriction or matching)?** | **Did the study use accurate methods for ascertaining exposures, potential confounders, and outcomes?** | **Were outcome assessors and/or data analysts blinded to treatment?** | **Did the article report attrition?** | **Did the study perform appropriate statistical analyses on potential confounders?** | **Is there important differential loss to follow-up or overall high loss to followup?** | **Were outcomes pre-specified and defined, and ascertained using accurate methods?** | **Quality**  **Rating** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Andersen 2007113 | Unclear | Yes | Yes | No | No | No | Yes | Yes | Poor |
| Bird 2007114  Bird 2010115 | Yes | Yes | Yes | No | No | No | Not reported | Yes | Fair |
| Bouey 2000116 | Yes | NA | No | No | No | No | Yes | Yes | Poor |
| Challis 2002117 | No | Yes | Yes | No | Yes | No | No | Yes | Fair |
| Chi 2004118 | No | Yes | Yes | No | Yes | No | Yes | Yes | Fair |
| Creason 2001119 | No | Not reported | No | No | No | No | No | Yes | Poor |
| Curtis 2009120 | Unclear | No | Yes | Unclear | No (N/A) | Yes | No | Yes | Fair |
| Dorr 2005121  Dorr 2007122 | Yes | Yes (CM/control)  No (Registry) | Yes | No | No (N/A) | Yes | No | Yes | Good |
| Dorr 2008123 | No | Yes | Yes | No | No | Yes | No | Yes | Good |
| Duke 2005124 | No | Not relevant | Unclear | Unclear | Unclear | Unclear | Unclear | Unclear | Poor |
| Fleishman 1991125 | No | NA | Yes | No | Yes | Yes | No | Yes | Fair |
| Fletcher 2009126 | Yes | Yes | No | No | No | No | No | Yes | Poor |
| Gravelle 2007127 | Yes | Unclear | Yes | No | No | Yes | Unclear | Yes | Fair |
| Hammer 2001128 | No | NA | No | No | No | No | No | Yes | Poor |
| Hebert 2003129 | No | Not reported | No | No | No | No | Unclear | No | Poor |
| Huws 2008130 | Yes | Not reported | No | No | No | No | No | Yes | Poor |
| Jowers 2000131 | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Fair |
| Keating 2008132 | Yes | No | No | No | No | No | Unclear | Yes | Poor |
| Kruse 2010133 | Yes | Yes | No | No | No | No | No | Yes | Fair |
| Kushel 2006134 | Yes | Unclear | Yes | No | Yes | Yes | No | Yes | Good |
| Lehrman 2001135 | Yes | NA | Yes | No | No | No | Unclear | Yes | Poor |
| Lin 2006136 | Yes | Unclear | Yes | No | Yes | No | No | Yes | Poor |
| Lu 2006137 | Yes | Yes | Unclear | No | N/A | Yes | NA | Yes | Fair |
| Luzinski 2008138 | No | NA | No | No | No | No | Unclear | No | Poor |
| Mangura 2002139 | Yes | No | Yes | No | Yes | Yes | No | Yes | Good |
| Morales-Asencio 2008140 | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Fair |
| Moran 2008141 | Yes | NR | No | No | No | No | MR | Yes | Poor |
| Okin 2000142 | No | N/A | No | No | No | No | No | Yes | Poor |
| Onder 2007 2008143, 144 | Yes | Yes | No | No | No | Unclear | No | Yes | Poor |
| Picariello 2008145 | Yes | No | Yes | No | No | Yes | No | Yes | Fair |
| Poole, 2001 | Yes | No | Yes | No | No | No | No | Yes | Poor |
| Pugh 2009146 | Yes | Yes | No | No | Yes | Yes | No | Yes | Fair |
| Schifalacqua 2000, 2004147, 148 | Yes | NA | No | No | No | No | Unclear | No | Poor |
| Schraeder 2008149 | Yes | Yes | Yes | Unclear | No | Yes | Unclear | Yes | Fair |
| Shah 2011150 | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Fair |
| Specht 2009151 | Yes | No | Yes | No | Yes | Yes | Yes | Yes | Poor |
| Tatum 2008152 | Unclear | NA | Yes | No | Unclear | No | Unclear | Unclear | Poor |
| Wetta-Hall 2007153 | No | Yes | Yes | No | Yes | No | Yes | Yes | Poor |
| Wilson 2005154 | No | Yes | Yes | Unclear | No | Yes | No | Yes | Fair |