| **Author, year** | **Allocation sequence adequate** | **Allocation concealment adequate** | **Blinding** | **Incomplete outcome data** | **Other potential threats** | **Pharmaceutical support** | **Company involvement in design, conduct or reporting** | **Overall study quality\*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Randomized controlled trials evaluating biologics** |
| Colombel, 200782  | Yes | Yes | Yes | No | No | Yes | Yes | Poor |
| Feagan, 200393 | Yes | Yes | Yes | No | No | Yes | Yes | Poor |
| Feagan, 200781  | Yes | Yes | Yes | Unclear | No | Yes | Yes | Fair |
| Feagan, 200890  | Yes | Yes | Yes | Yes | No | Yes | Yes | Fair |
| Hanauer, 200286  | Yes | Yes | Yes | No | No | Yes | Yes | Poor |
| Lichtenstein, 200592 | Yes | Yes | Yes | Unclear | Yes | Yes | Yes | Fair |
| Mantzaris, 200988  | Unclear | No | No | No | Yes | No | No | Poor |
| Rutgeerts, 199985  | Yes | Yes | Yes | No | Yes | Yes | Yes | Fair |
| Rutgeerts, 200494 | Yes | Yes | Yes | No | Yes | Yes | Yes  | Poor |
| Sandborn, 200533 | Yes | Yes | Yes | Unclear | No | Yes | Yes | Fair |
| Sandborn, 200783  | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Fair |
| Sands, 200487  | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Fair |
| Schreiber, 200784  | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Fair |
| Van Assche, 200889  | Yes | Yes | No | Yes | No | No | No | Poor |
| **Randomized controlled trials evaluating thiopurines** |
| Candy, 199553  | Unclear | Yes | Unclear | Unclear | Yes | UTD | NA | Fair |
| Lemann, 200598  | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Mantzaris, 2009102  | Yes | Yes | No | No | Yes | UTD | NA | Fair |
| O'Donoghue, 1978100  | Unclear | Unclear | Yes | Yes | Yes | UTD | NA | Good |
| Rosenberg, 1975104  | Unclear | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Summers, 197956  | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |
| Vilien, 2004101  | Yes | Yes | No | Yes | Yes | UTD | NA | Good |
| Willoughby JM, 197199  | Yes | Yes | Yes | Yes | Yes | UTD | NA | Good |
| **Randomized controlled trials evaluating methotrexate** |
| Feagan, 2000105  | Yes | Yes | Yes | No | No | Yes | No | Fair |
| **Randomized controlled trials evaluating corticosteroids** |
| Bergman, 1976223  | Yes | No | No | Yes | No | Yes | NA | Poor |
| Brignola, 1988112  | Unclear | Unclear | Unclear | Yes | No | UTD | NA | Fair |
| Cortot, 2001107  | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| de Franchis, 1997118  | Yes | Yes | Yes | No | Yes | Yes | UTD | Poor |
| Ferguson, 1998108  | Yes | Yes | Yes | Yes | No | Yes | Yes | Good |
| Greenberg, 199466  | Unclear | Unclear | Unclear | Unclear | No | Yes | Yes | Fair |
| Greenberg, 1996111  | Yes | Unclear | Unclear | Unclear | No | Yes | Yes | Poor |
| Gross, 1998109  | Unclear | Unclear | Yes | Yes | No | Yes | UTD | Fair |
| Hanauer, 2005106  | Yes | Unclear | Unclear | Unclear | No | Yes | Yes | Fair |
| Lofberg, 1996110  | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Malchow, 198464  | Unclear | Yes | Yes | No | No | Yes | UTD | Fair |
| Mantzaris, 2003113  | Unclear | Unclear | No | Yes | Yes | UTD | NA | Fair |
| Singleton, 197975  | Unclear | Yes | Yes | Yes | Yes | No | NA | Good |
| Summers, 197956  | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |
| **Randomized controlled trials evaluating 5-aminosalicylate acids** |
| Arber, 1995121  | Yes | Yes | Yes | Unclear | Yes | UTD | NA | Fair |
| Bresci G, 1995125  | No | No | Unclear | Yes | Yes | UTD | NA | Fair |
| Brignola, 1992124  | Unclear | Yes | Yes | Yes | Yes | Yes | No | Good |
| Cezard, 2009194  | Yes | Yes | Yes | Unclear | Yes | No | NA | Fair |
| Gendre, 1993122  | Unclear | Unclear | Yes | Yes | Yes | No | NA | Good |
| Mahmud, 2001116  | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Malchow, 198464  | Unclear | Yes | Yes | No | No | Yes | UTD | Fair |
| Prantera, 1992123  | Unclear | Unclear | Yes | Yes | Yes |  | NA | Good |
| Prantera, 2005115  | Unclear | Unclear | Unclear | No | No | Yes | Yes | Poor |
| Summers, 197956  | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |
| Sutherland, 1997117  | Yes | Yes | Yes | No | Unclear | UTD | NA | Poor |
| Thomson, 1995120  | Yes | Yes | Yes | Unclear | Unclear | Yes | UTD | Poor |
| Wellmann W, 1988126  | Unclear | Yes | Yes | Yes | Yes | UTD | NA | Good |

Abbreviations: NA = not applicable; UTD = unable to determine
\*Study Quality Criteria: Criteria for a judgment of “GOOD” (i.e. low risk of bias): These studies have the least bias and results are considered valid- A study that adheres mostly to the commonly held concepts of high quality including the following: a) A formal randomized controlled study; b)Clear description of the population, setting, interventions, and comparison groups; c) Appropriate measurements of outcomes; d) Appropriate statistical and analytic methods and reporting; e) No reporting errors; f) Low dropout rate; and g) Clear reporting of dropouts. Criteria for a judgment of “FAIR”: a) These studies are susceptible to some bias, but it is not sufficient to invalidate the results; b) do not meet all the criteria required for a rating of good qualities because they have some deficiencies, but no flaw is likely to cause major bias; and c) The study may be missing information, making it difficult to assess limitations and potential problems. Criteria for a judgment of “POOR” (i.e. high risk of bias):a) These studies have significant flaws that imply biases of various types that may invalidate the results; b) Have serious errors in design, analysis, or reporting; large amounts of missing information; or discrepancies in reporting.