| **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 | Unclear | No | Unclear | Yes | Yes | Fair |
| Colombel, 200995 | Yes | Yes | No | Yes | No | Yes | Yes | Poor |
| Colombel, 201045 | Unclear | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| D'Haens, 200848 | Yes | Yes | No | Yes | Yes | Yes | No | Fair |
| Feagan, 200781 | Yes | Yes | Yes | Unclear | Unclear | Yes | Yes | Fair |
| Hanauer, 200286 | Unclear | Yes | Yes | Yes | Unclear | Yes | Yes | Fair |
| Hanauer, 200637 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Lemann, 200646 | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Mantzaris, 200988 | Unclear | No | No | Yes | Yes | No | NA | Fair |
| Present, 199944 | Yes | Yes | Unclear | Unclear | Yes | Yes | Yes | Fair |
| Rutgeerts, 199985 | Yes | Yes | Yes | Yes | Unclear | Yes | Yes | Fair |
| Sandborn, 200533 | Yes | Yes | Yes | Unclear | Yes | Yes | Yes | Good |
| Sandborn, 200739 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Sandborn, 200738 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Sandborn, 200783 | Yes | Yes | No | Yes | Unclear | Yes | Yes | Fair |
| Sands, 200487 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Sands, 200735 | Unclear | Unclear | Yes | Yes | Yes | Yes | UTD | Good |
| Schreiber, 200540 | Yes | Yes | No | Yes | Yes | Yes | UTD | Good |
| Schreiber, 200784 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Schroder, 200647 | Unclear | Unclear | Unclear | No | Yes | No | NA | Fair |
| Targan, 200732 | Unclear | Yes | Yes | Yes | Unclear | Yes | Yes | Good |
| Van Assche, 200889 | Unclear | Yes | No | Yes | Yes | No | NA | Good |
| Winter, 200441 | Unclear | Unclear | Yes | Yes | No | Yes | Yes | Poor |
| **Randomized controlled trials evaluating thiopurines** | | | | | | | | |
| Ewe, 199354 | Unclear | Unclear | Unclear | Yes | Yes | Yes | UTD | Poor |
| Lemann, 200598 | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Lemann, 200646 | Yes | Yes | Yes | Yes | Yes | Yes | UTD | Good |
| Mantzaris, 2009102 | Yes | Yes | No | No | Yes | UTD | NA | Fair |
| Markowitz, 2000192 | Yes | Yes | Yes | Yes | Yes | No | NA | Good |
| O'Donoghue, 1978100 | Unclear | Unclear | Yes | Yes | Yes | UTD | NA | Good |
| Reinisch, 200851 | Yes | Unclear | Unclear | Yes | No | Yes | Yes | Fair |
| Sandborn, 199959 | Yes | Yes | Yes | Unclear | Yes | UTD | NA | Fair |
| Summers, 197956 | Yes | Yes | No | Yes | No | Yes | NA | Fair |
| Summers, 197956 | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |
| **Randomized controlled trials evaluating methotrexate** | | | | | | | | |
| Feagan, 199563 | Unclear | Unclear | Yes | Yes | Unclear | Yes | No | Fair |
| Feagan, 2000105 | Yes | Yes | Yes | No | No | Yes | No | Fair |
| **Randomized controlled trials evaluating corticosteroids** | | | | | | | | |
| Campieri, 199768 | Unclear | Unclear | Yes | Unclear | Yes | Yes | Yes | Fair |
| Escher, 2004190 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Good |
| Levine, 2003191 | Unclear | Unclear | Unclear | Unclear | Unclear | UTD | NA | Poor |
| Malchow, 198464 | Unclear | Yes | Yes | No | No | Yes | UTD | Fair |
| Mantzaris, 2003113 | Unclear | Unclear | No | Yes | Yes | UTD | NA | Fair |
| Schoon, 2005185 | Yes | Yes | No | Yes | No | Yes | Yes | Poor |
| Singleton, 197975 | Unclear | Unclear | Yes | Yes | Yes | No | NA | Good |
| Summers, 197956 | Yes | Yes | No | Yes | No | Yes | NA | Fair |
| Summers, 197956 | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |
| Tremaine, 200265 | Yes | Yes | Yes | No | No | Yes | Yes | Poor |
| **Randomized controlled trials evaluating 5-aminosalicylate acids** | | | | | | | | |
| Malchow, 198464 | Unclear | Yes | Yes | No | No | Yes | UTD | Fair |
| Summers, 197956 | Yes | Yes | No | Yes | No | Yes | NA | Fair |
| Summers, 197956 | Yes | Yes | Unclear | Yes | Unclear | No | NA | Poor |

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.