| **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.