



## Use of Mixed Treatment Comparisons in Systematic Reviews

By U. S. Department of Health and Human Services

CreateSpace Independent Publishing Platform. Paperback. Condition: New. This item is printed on demand. 152 pages. Dimensions: 11.0in. x 8.5in. x 0.3in. Clinicians and decisionmakers often have to select from multiple available interventions when determining the optimal treatment for disease. Ideally, high-quality randomized controlled trials (RCTs) that estimate the effectiveness of all possible interventions directly against one another would be available to guide decisionmaking. However, interventions are commonly compared with placebo or non-active control in RCTs rather than another active intervention and when direct comparative trials exist they are between two of a larger group of possible treatments. As such decisionmakers are faced with a lack of adequate direct comparative data to make their judgments. In the absence of direct comparative data, indirect comparisons may provide valuable information. For example, if two different interventions have been evaluated against a common comparator, the relative effects of the two interventions compared with each other can be estimated indirectly. Even in the presence of direct comparative data, indirect comparisons may add value to the interpretation of comparative effectiveness, as usually more than two treatments for a given disease are considered in clinical practice (even if all treatments are not directly compared). According to the Conducting...



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