

## 1: What's new in the Cochrane Handbook? | Cochrane Training

*The Cochrane Handbook for Systematic Reviews of Interventions is the official guide that describes in detail the process of preparing and maintaining Cochrane systematic reviews on the effects of healthcare interventions. The current complete version of the Handbook is (updated March ), edited by Julian Higgins and Sally Green.*

This article has been cited by other articles in PMC. Abstract Background Cochrane systematic reviews collate and summarise studies of the effects of healthcare interventions. The characteristics of these reviews and the meta-analyses and individual studies they contain provide insights into the nature of healthcare research and important context for the development of relevant statistical and other methods. Methods We classified every meta-analysis with at least two studies in every review in the January issue of the Cochrane Database of Systematic Reviews CDSR according to the medical specialty, the types of interventions being compared and the type of outcome. We provide descriptive statistics for numbers of meta-analyses, numbers of component studies and sample sizes of component studies, broken down by these categories. Results We included reviews containing 22, meta-analyses, which themselves consist of data from , individual studies which may appear in more than one meta-analysis. The median number of meta-analyses per review is six inter-quartile range 3 to The median number of studies included in the meta-analyses with at least two studies is three inter-quartile range 2 to 6. Sample sizes of individual studies range from 2 to 1,, with a median of 91 participants. Discussion It is clear that the numbers of studies eligible for meta-analyses are typically very small for all medical areas, outcomes and interventions covered by Cochrane reviews. This highlights the particular importance of suitable methods for the meta-analysis of small data sets. There was little variation in number of studies per meta-analysis across medical areas, across outcome data types or across types of interventions being compared. Background Systematic reviews of randomized trials provide valuable evidence on the effectiveness of healthcare interventions, maximising power, minimising bias and avoiding undue emphasis on the results of individual studies. Many systematic reviews contain meta-analyses, in which the results from independent studies are formally combined using statistical methods. The Cochrane Database of Systematic Reviews CDSR is a major resource of systematic reviews on the effects of healthcare interventions that are periodically updated [ 1 , 2 ]. The reviews in the CDSR are prepared by members of The Cochrane Collaboration, which aims to make the findings from systematic reviews of interventions conveniently available so that healthcare consumers, professionals and providers can make choices about healthcare interventions using the most up-to-date and reliable evidence available on their relative effects [ 3 ]. The initiative is worldwide in its scope, involving input from more than 27, contributors in over different countries, who work with the Cochrane Review Groups responsible for reviews in particular areas of health and health care [ 4 ]. As of , more than 4, full Cochrane reviews have been produced and published protocols are available for nearly 2, more reviews that are at earlier stages in their development. The objective of this paper is to report descriptive statistics relating to one complete issue of the CDSR, published in January We have classified each meta-analysis in the CDSR by types of interventions, type of outcome and medical specialty. In further work, the classifications will allow us to examine empirically the magnitude and variation of among-study heterogeneity in meta-analyses, enabling us to understand how certain characteristics influence the level of between-study heterogeneity. In this paper, we have described our methods for collating this collection of more than 22, meta-analyses and reported statistics relating to the interventions, outcomes and medical areas investigated in these meta-analyses. We have summarised the sizes of reviews, meta-analyses and studies in the CDSR, and explored how these vary across different settings. A number of earlier papers have analysed large collections of systematic reviews and meta-analyses for other purposes. For example, Moher et al. A series of meta-epidemiological studies have analysed collections of meta-analyses in order to estimate the association between methodological flaws such as inadequate allocation concealment or inadequate blinding in randomised trials and exaggeration of the intervention effect; data from several of these

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studies were recently combined by Wood et al. To our knowledge, the characteristics of the entire Cochrane database have not previously been summarised, and the types of interventions and outcomes to which the meta-analyses within Cochrane reviews relate have not been examined in detail. Each outcome could contain several subgroups of studies, and each subgroup could contain data from several studies.

## 2: Risk of Bias Tool in Systematic Reviews/Meta-Analyses of Acupuncture in Chinese Journals

*Home > Front page. Cochrane Handbook for Systematic Reviews of Interventions. Version [updated March ] Editors: Julian PT Higgins and Sally Green. Handbook information.*

A second edition of the book version of the Handbook will be published by Wiley in mid . In addition, an online version will provide additional chapters and supplementary material. A number of chapters are either complete or nearly complete. We are making available draft PDF versions of these chapters to Cochrane members Login required to coincide with the Edinburgh Colloquium. Current version available below. Click here to browse Handbook version 5. The current complete version of the Handbook is 5. All authors should consult the Handbook for guidance on the methods used in Cochrane systematic reviews. The Handbook includes guidance on the standard methods applicable to every review planning a review, searching and selecting studies, data collection, risk of bias assessment, statistical analysis, GRADE and interpreting results , as well as more specialised topics non-randomized studies, adverse effects, economics, patient-reported outcomes, individual patient data, prospective meta-analysis, qualitative research, reviews in public health and overviews of reviews. We produced a limited number of Version 5. There are currently no substantive changes to methods in these chapters. Click here for selected new chapters from Handbook v5. You can also access the Handbook in the following ways: Printable PDF versions of all chapters Version 5. Our Glossary includes definitions of methodological and organisational terms as used by Cochrane. Contact the Editors For further information and for any Handbook enquiries please contact: Jackie Chandler, Handbook Managing Editor, [jchandler@cochrane](mailto:jchandler@cochrane). The Handbook editorial team now includes: The Cochrane Collaboration, Details of how to cite individual chapters are available in each chapter.

## 3: Cochrane Handbook for Systematic Reviews of Interventions | Cochrane Community

*This extract is from Cochrane Handbook for Systematic Reviews of Interventions version This This version should be cited as follows: Higgins JPT, Green S (editors).*

Selective outcome reporting and other sources of bias are included in the Cochrane ROB tool. It is important to know how this specific tool for assessing ROB has been applied since its release. Our objectives were to evaluate whether and to what extent the new Cochrane ROB tool has been used in Chinese journal papers of acupuncture. Two reviewers independently selected SRs that primarily focused on acupuncture and moxibustion, from which the data was extracted and analyzed. Results A total of SRs were identified from the search, of which, were included and four are awaiting assessment. Most used the Cochrane Handbook 4. From to March 69 SRs were identified. Most SRs gave information about sequence generation, allocation concealment, blindness, and incomplete outcome data, however, few reviews 5. When the ROB tool was used, reporting of relevant information was often incomplete. Introduction Assessment of internal validity, risk of bias, or methodological quality of studies included in systematic reviews SRs and meta-analyses MAs is a very important step in identifying limitations of individual studies. For parallel group trials, it addresses six specific domains: Moreover, authors are encouraged to use the latest version, which is currently Handbook 5. The ROB tool continues to be recommended and disseminated by the Cochrane Collaboration and its sub-centers in different countries. In determining the effect of the ROB tool, it is very important to know how effectively it has been applied. Accordingly, we evaluate whether and to what extent the Cochrane ROB tool has been used in SRs of acupuncture published in Chinese journals. Methods The protocol of this study was written in Chinese which has not published. We included studies that described their methods and results in detail. The main search terms were as follows: Full texts of potentially included articles were further assessed. Disagreements were resolved by discussion. Discrepancies were resolved through discussion or settled by the third principal investigator Yali LIU. Data was extracted into a standardized form by trained extractors. The forms was composed of two parts: Data was summarized using descriptive statistics frequency, percentage. Analysis was carried out with Excel version Microsoft Excel ; http: One hundred and sixty-two reviews were chosen for full text analysis and assessed for inclusion. Full texts were obtained for reviews; met inclusion criteria and four are awaiting assessment, as full text was not available Figure 1 , Text S2.

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## 4: Cochrane Handbook for Systematic Reviews of Interventions Version | The EQUATOR Network

*The Cochrane Handbook for Systematic Reviews of Interventions contains methodological guidance for the preparation and maintenance of Cochrane Intervention Reviews, Overviews of Reviews and Methodology Reviews.*

A PDF summary of changes to these chapters is available here. Where we refer to individual MECIR standards in the text, a symbol in the margin highlights the standard covered. Chapter 1 Various amendments for consistency with the comparable chapters in the Cochrane Handbook for Reviews of Diagnostic Test Accuracy. Updated information on the Cochrane Library, including which databases are archived and no longer actively updated Section 1. Information internal to Cochrane such as the internal workings of Archie has been removed. Chapter 8 Includes a description of the feature in RevMan 5. Addition of recent empirical evidence including from the BRANDO study of the impact of random sequence generation on effect estimates Section 8. Additional text added to emphasize the importance of assessing incomplete outcome data separately for different outcomes or time points Section 8. Chapter 9 New Section 9. This can avoid several possible problems, including errors in the published data, data collection, any calculations or manipulation of data, and data entry into RevMan. Additional emphasis on the importance of considering missing participant data and its impact on meta-analysis Section 9. Additional emphasis on the uncertainty of estimating the I<sup>2</sup> statistic to quantify heterogeneity when the number of studies in a meta-analysis is small Section 9. Clarification that it is a mistake to compare within-subgroup inferences such as P values to test for a significant difference between subgroups, and that a formal statistical test to compare subgroups should be used Section 9. Chapter 10 Provides updated evidence on the prevalence of reporting bias from studies of FDA data Section Includes a recommendation to search systematically for unpublished trial data, including a brief discussion of sources Section Notes that the Clinicaltrials. Notes that the minimum number of trials required to generate a funnel plot with adequate power to detect asymmetry may be considerably higher than 10 in some circumstances. Old introduction removed Section This content will be incorporated into updated chapters on searching and reporting the review in Version 6 of the Handbook. This content will be incorporated into anew chapters on meta-analysis and reporting the review in Version 6 of the Handbook. Specifically lists the footnotes as an essential component of a SoF table Section Further guidance included about the use of the Optimal Information Size OIS in assessing the imprecision of a body of evidence Section Chapter 12 Greater clarity on terminology used e. Chapter 21 Please note this chapter will be replaced by and integrated into at least two new chapters in Version 6: Issues of Equity and Specific populations, and Complex Interventions. Greater clarity defining public health and health promotion interventions emphasizing population level rather than individual level intervention are of interest that operate within a broader context. Database table at A PDF summary of these changes is also available. Chapter 1 Section 1. The publication frequency of the CDSR has been updated from quarterly to monthly. Chapter 2 Section 2. Reference to the training web site and open learning modules has been updated. Chapter 3 Box 3. Criterion 5 Accumulation of changes for creating a new citation version has been relaxed slightly. Chapter 4 Section 4. As a general rule, only new citation versions of publications in the CDSR should be listed i. Two new types of RevMan Figure have been added: Chapter 5 Section 5. Chapter 6 Section 6. Clarity has been added that the search methods should be presented in a protocol, even if the detailed line by line search strategy is not. The chapter has been modified in numerous places to reflect the modified tool. The changes are summarized in Table 8. The main alterations are in sections 8. Chapter 9 Section 9. A more general version of the test for differences between subgroups is now described, as it has been implemented in RevMan. Chapter 10 Figure The figure has been corrected. Chapter 11 Section Chapter 13 Table Chapter 16 Reference added for Hollis was missing from browseable version only. Chapter 3 Section 3. Search strategy in 2nd paragraph rephrased Section 6. Added mention of search filter appraisal tool. Last two lines of each strategy corrected. Lines 9 and 10 of search strategy corrected. Chapter 7 Section 7. Added reference to Tierney Added mention of supplementary document Statistical

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Algorithms in Review Manager 5. Added reference for predictive intervals for random-effects meta-analysis. Clarified that trade names should not be used. New discussion of source of standard deviations for interpreting SMDs. Chapter 13 Section Chapter 15 Section A PDF summary of the new material is available.

## 5: Cochrane Handbook for Systematic Reviews of Interventions

*Cochrane handbook for systematic reviews of interventions / edited by Julian Higgins and Sally Green. p. ; cm.* (Cochrane book series) Includes bibliographical references and index.

## 6: Cochrane Handbook for Systematic Reviews of Interventions | Cochrane Training

*Cochrane Handbook for Systematic Reviews of Interventions Version [updated March ] Editors: Julian PT Higgins and Sally Green Handbook information.*

## 7: cochrane handbook for systematic reviews of interventions | Download eBook pdf, epub, tuebl, mobi

*Book Review Review: Cochrane handbook for systematic reviews for interventions, Version , published 3/ Julian P.T. Higgins and Sally Green, Editors.*

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*NIV Teen Study Bible The internal consultant Toward an Alternative Theology Blue sky green sea and other stories Play the Harmonica Well Geography made easy Meeting the Mammals Protective effects of tea against lung/pulmonary ailments H. Yamada Sierra Mar cookbook What Lives on Your Body? (What Lives In?) Birds of Western North America Difference between developed and underdeveloped countries Guilding, gaming, and girls Genesis Downey History of scouting in the philippines Its not always about you Regeneration through violence : multiple masks of alter-becoming in the Japanese/African/American poet, A The Center for Democracy and Technology and Internet Privacy in the U.S. Like grass before a scythe Utah Canyon Country (Utah Geographic Series Inc (Utah Geographic Series Inc) Distribution and the printing industry Labor law in contractors language Start and Run a Profitable Home-Based Business Package (Start Run a Profitable (Audio)) Landlords Legal Guide in Texas History of Windham County, Connecticut War, State, and Society in England and the Netherlands 1477-1559 Global Warming and Human Pollution The origin of earth and its moon The Icon Cowboy Presidential Premonitions (Icon Cowboy) Japan Between Asia and the West Notes on the texts Wie Highway Engineering Becoming Bankable Hockey Stories On And Off The Ice The Art and Architecture of English Benedictine Monasteries, 1300-1540 A study on cosmic radio noise, by D.H. Menzel. Teach yourself Serbo-Croat On the threshold of war in England, 1939 Skating to Antarctica Trichographia mammalium Introductory discrete mathematics*