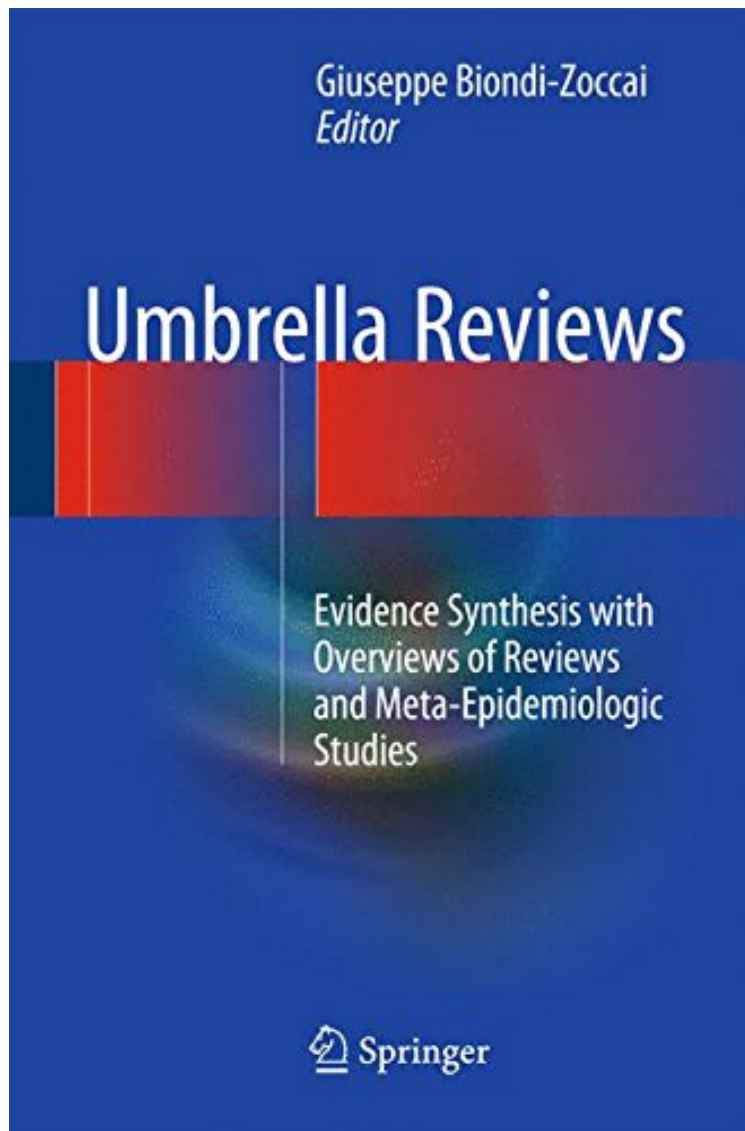


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Umbrella Reviews: Evidence Synthesis with Overviews of Reviews and Meta-Epidemiologic Studies

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Reviews: Evidence Synthesis with Overviews of Reviews and Meta-Epidemiologic Studies:

This book is an ideal guide to umbrella reviews, overviews of reviews, and meta-epidemiologic studies for evidence synthesis. Research is conducted at different levels: primary research consists of original studies while secondary research comprises qualitative reviews, systematic reviews, and meta-analyses. Recently, a novel further level of research has been introduced, based on the analysis and pooling of reviews and meta-analysis. This book is the first to focus solely on this new type of research design, which permits a comprehensive and powerful synthesis of scientific evidence in medicine as well as in many other fields in order to inform decision-making. All aspects are covered, including review design and registration, the searching, abstracting, appraisal, and synthesis of evidence, the appraisal of moderators and confounders, and state of the art reporting. Case studies in a range of medical specialties are then presented. The hands-on approach of the book, written by a multinational team of experts, will enable the reader to interpret and independently conduct umbrella reviews.

This is a great reference for conducting an umbrella review given the novelty of the methodology and availability of several systematic reviews on a given clinical topic. This well-written, step-by-step guide to umbrella reviews takes a complex, novel topic and breaks it down into manageable, easy to understand pieces. I would recommend this book for those new to the field and also to those who have done reviews in the past. (Rajeshwari Nair, Doodys Book s, June, 2016)From the Back CoverThis book is an ideal guide to umbrella reviews, overviews of reviews, and meta-epidemiologic studies for evidence synthesis. Research is conducted at different levels: primary research consists of original studies while secondary research comprises qualitative reviews, systematic reviews, and meta-analyses. Recently, a novel further level of research has been introduced, based on the analysis and pooling of reviews and meta-analysis. This book is the first to focus solely on this new type of research design, which permits a comprehensive and powerful synthesis of scientific evidence in medicine as well as in many other fields in order to inform decision-making. All aspects are covered, including review design and registration, the searching, abstracting, appraisal, and synthesis of evidence, the appraisal of moderators and confounders, and state of the art reporting. Case studies in a range of medical specialties are then presented. The hands-on approach of the book, written by a multinational team of experts, will enable the reader to interpret and independently conduct umbrella reviews.About the AuthorGiuseppe Biondi-Zoccai is Assistant Professor in Cardiology in the Department of Medico-Surgical Sciences and Biotechnologies of Sapienza University of Rome. He has got an established expertise in evidence-based cardiovascular medicine and is the founder of the Meta-analysis and Evidence-based medicine Training in Cardiology (METCARDIO) Collaboration. He has published more than 500 articles indexed in MEDLINE, including more than 130systematic reviews,meta-analyses, or umbrella reviews, and he is the editor of the first book devoted to network meta-analyses and mixed treatment comparisons.