

1. Record Nr.	UNINA9910254478003321
Titolo	Multi-Criteria Decision Analysis to Support Healthcare Decisions // edited by Kevin Marsh, Mireille Goetghebeur, Praveen Thokala, Rob Baltussen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-47540-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VI, 329 p. 34 illus., 14 illus. in color.)
Disciplina	613 614.44
Soggetti	Health promotion Pharmacy management Health Promotion and Disease Prevention Pharmacoconomics and Health Outcomes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. Theoretical Foundations of Multi-Criteria Decision Analysis -- 3. Identifying Value-s: A Reflection on the Ethical Aspects of MCDA in Healthcare Decisionmaking -- 4. Incorporating Preferences and Priorities into MCDA: Selecting an Appropriate Scoring and Weighting Technique -- 5. Dealing with Uncertainty in the Analysis and Reporting of MCDA -- 6. Supporting the Project Portfolio Selection Decision of Research and Development Investments by Means of Multi-Criteria Resource Allocation Modelling -- 7. Benefit-Risk Assessment -- 8. Advancing MCDA and HTA into Coverage Decision-Making -- 9. Embedding MCDA in Priority Setting Policy Processes – Experiences from Low and Middle Income Countries -- 10. MCDA for Resource Allocation at a Local Level: an Application in the UK -- 11. Shared Decision Making -- 12. The Role of Multi-Criteria Decision Analysis (MCDA) in Health Research Priority Setting -- 13. MCDA for the Development of Clinical Practice Guidelines and for the Prioritization Clinical Research Questions -- 14. Using MCDA as a Decision aid in Health Technology Appraisal for Coverage Decisions: Opportunities, Challenges and Unresolved Questions -- 15. Beyond Value Function

**Sommario/riassunto**

Representing the first collection on the topic, this book builds from foundations to case studies, to future prospects, providing the reader with a rich and comprehensive understanding of the use of multi-criteria decision analysis (MCDA) in healthcare. The first section of the collection presents the foundations of MCDA as it is applied to healthcare decisions, providing guidance on the ethical and theoretical underpinnings of MCDA and how to select MCDA methods appropriate to different decision settings. Section two comprises a collection of case studies spanning the decision continuum, including portfolio development, benefit-risk assessment, health technology assessment, priority setting, resource optimisation, clinical practice and shared decision making. Section three explores future directions in the application of MCDA to healthcare and identifies opportunities for further research to support these.