

1. Record Nr.	UNINA9910784652603321
Autore	Brender Jytte
Titolo	Handbook of evaluation methods for health informatics [[electronic resource] /] / Jytte Brender
Pubbl/distr/stampa	Burlington, MA, : Elsevier Academic Press, c2006
ISBN	1-281-02878-9 9786611028787 0-08-053345-0
Descrizione fisica	1 online resource (379 p.)
Disciplina	651.5/04261
Soggetti	Medical informatics - Methodology Information storage and retrieval systems - Medicine - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 327-345) and index.
Nota di contenuto	Front Cover; Handbook of Evaluation Method for Health Informatics; Copyright Page; Contents; NOTE TO THE READER; The Aim of the Handbook; Target Group; Criteria for Inclusion; Acknowledgments; Additional Comments; PART I: INTRODUCTION; CHAPTER 1. INTRODUCTION; 1.1 What Is Evaluation?; 1.2 Instructions to the Reader; 1.3 Metaphor for the Handbook; CHAPTER 2. CONCEPTUAL APPARATUS; 2.1 Evaluation and Related Concepts; 2.2 Methodology, Method, Technique, and Framework; 2.3 Quality Management; 2.4 Perspective; 2.5 Evaluation Viewed in the Light of the IT System's Life Cycle CHAPTER 3. TYPES OF USER ASSESSMENTS OF IT-BASED SOLUTIONS 3.1 Types of User Assessment during the Phases of a System's Life Cycle; 3.2 Assessment Activities in a Holistic Perspective; CHAPTER 4. CHOOSING OR CONSTRUCTING METHODS; 4.1 How Do You Do It?; 4.2 From Strategy to Tactics: An Example; 4.3 Another (Abstract) Example; 4.4 A Practical Example of a Procedure; 4.5 Frame of Reference for Assessment; 4.6 Perils and Pitfalls; PART II: METHODS AND TECHNIQUES; CHAPTER 5. INTRODUCTION; 5.1 Signature Explanations; 5.2 Structure of Methods' Descriptions; CHAPTER 6. OVERVIEW OF ASSESSMENT METHODS 6.1 Overview of Assessment Methods: Explorative Phase 6.2 Overview of Assessment Methods: Technical Development Phase; 6.3 Overview of

Assessment Methods: Adaptation Phase; 6.4 Overview of Assessment Methods: Evolution Phase; 6.5 Other Useful Information; CHAPTER 7. DESCRIPTIONS OF METHODS AND TECHNIQUES; Analysis of Work Procedures; Assessment of Bids; Balanced Scorecard; BIKVA; Clinical/Diagnostic Performance; Cognitive Assessment; Cognitive Walk through; Delphi; Equity Implementation Model; Field Study; Focus Group Interview; Functionality Assessment; Future Workshop; Grounded Theory
Heuristic Assessment Impact Assessment; Interview; KUBI; Logical Framework Approach; Organizational Readiness; Pardizipp; Prospective Time Series; Questionnaire; RCT, Randomized Controlled Trial; Requirements Assessment; Risk Assessment; Root Causes Analysis; Social Networks Analysis; Stakeholder Analysis; SWOT; Technical Verification; Think Aloud; Usability; User Acceptance and Satisfaction; Videorecording; WHO. Framework for Assessment of Strategies; CHAPTER 8. OTHER USEFUL INFORMATION; Documentation in a Situation of Accreditation; Measures and Metrics; Standards
PART III: METHODOLOGICAL AND METHODICAL PERILS AND PITFALLS AT ASSESSMENT CHAPTER 9. BACKGROUND INFORMATION; 9.1 Perspectives; CHAPTER 10. APPROACH TO IDENTIFICATION OF PITFALLS AND PERILS; CHAPTER 11. FRAMEWORK FOR META-ASSESSMENT OF ASSESSMENT STUDIES; 11.1 Types of (Design) Strengths; 11.2 Types of (Experimental) Weaknesses; 11.3 Types of Opportunities; 11.4 Types of Threats; CHAPTER 12. DISCUSSION; 12. I A Meta-View on the Study of Pitfalls and Perils; LIST OF ABBREVIATIONS; LIST OF REFERENCES; INDEX

Sommario/riassunto

This Handbook provides a complete compendium of methods for evaluation of IT-based systems and solutions within healthcare. Emphasis is entirely on assessment of the IT-system within its organizational environment. The author provides a coherent and complete assessment of methods addressing interactions with and effects of technology at the organizational, psychological, and social levels. It offers an explanation of the terminology and theoretical foundations underlying the methodological analysis presented here. The author carefully guides the reader through the process of identify
