Record Nr. UNINA9910877722003321 Medical device epidemiology and surveillance / / editors, S. Lori Brown, **Titolo** Roselie A. Bright, and Dale R. Tavris Pubbl/distr/stampa Chichester, West Sussex, England;; Hoboken, NJ,: John Wiley & Sons, c2007 **ISBN** 1-280-95629-1 9786610956296 0-470-06087-5 0-470-06086-7 Descrizione fisica 1 online resource (529 p.) Altri autori (Persone) BrownS. Lori BrightRoselie A TavrisDale R 610.28 Disciplina Soggetti Medical instruments and apparatus - Standards - United States Medical instruments and apparatus - Safety measures - United States Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Medical Device Epidemiology and Surveillance; Contents; Foreword; Preface: Contributors: Acknowledgments: 1 Introduction: 2 Medical device regulation in the USA; Introduction; Premarket review; Marketing applications; Postmarket oversight; Conclusion; 3 Medical device epidemiology; Introduction; Features of medical devices that are relevant to epidemiology study design; Study designs for medical device epidemiology; Summary and recommendations; 4 Surveillance of adverse medical device events; Introduction; Rationale for surveillance; Surveillance based on adverse event reports Surveillance based on registriesActive surveillance; Necessary conditions for effective surveillance; Ideal AMDE surveillance program; Summary; 5 The Medical Product Surveillance Network (MedSun); Historical motivation; Initial considerations for the design of DeviceNet; MedSun basic design; Current status; Is MedSun successful in

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Sommario/riassunto

Medical devices are crucial in medical care today and device technology advances at a dizzying pace. Medical Device Epidemiology and Surveillance is the first book to provide an overview of medical device epidemiology and surveillance as well as perspectives from regulatory agencies, the medical device industry, the health insurance industry and academia. The book is edited by experts from the US Food and Drug Administration with contributions from experienced specialists working in this field in the US and around the world. It features chapters describing broad themes in medical