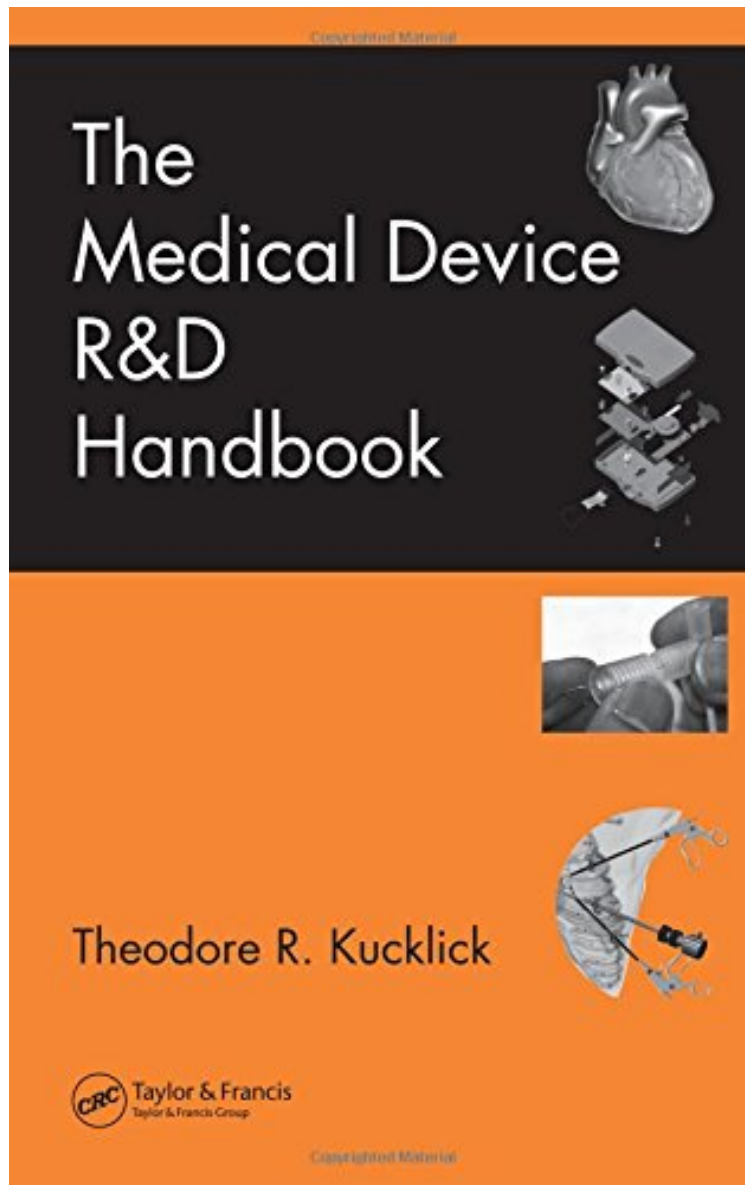


The Medical Device RD Handbook

From CRC Press

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#2676177 in Books CRC Press 2005-11-21 Ingredients: Example Ingredients Original language: English PDF # 1 9.50 x 1.00 x 6.50l, 1.44 #File Name: 0849327172376 pages | File size: 30.Mb

From CRC Press : The Medical Device RD Handbook before purchasing it in order to gage whether or not it would be worth my time, and all praised The Medical Device RD Handbook:

2 of 2 people found the following review helpful. Very DissapointedBy Imaginary_num6erWhen I bought this book, I expected it to be used as a reference for catheter laminations and catheter material selection. Although, the book does describe one example of a laminated catheter product, its methods are so primitive that I wouldn't be surprised if the

technology is outdated by 10 years. There is no mentioning of braid/coil reinforcement or any concerns with catheter kink-resistance, torquability, and flow-rates. I was sort of hoping that they would at least cover the difference between a flat-wire braid and a round-wire braid in terms of kink-resistance and torque. Overall, this book is recommended for those who're just starting in the in the medical device industry. The technologies introduced here are very basic, but you should never expect these methods to be used to create a product that's competitive in today's marketplace. I guess, a lot of the key technologies are kept as trade-secrets as those "in the know." 1 of 2 people found the following review helpful. Indispensable information for anyone working in a device start-up or entering a medical device design career
By Christopher Durst
This book is a fantastic resource for anyone working in RD at a device start-up, particularly those who are beginning their careers. I wish I had it when my company began prototyping. The text contains a wealth of knowledge that would take years to assimilate on the job and it is well illustrated (although when provided, photos are black and white only) to elucidate concepts that are difficult to explain with words alone. One of the most useful aspects of the book is the practical examples for how to construct prototype and proof of concept devices. The author provides example fabrication and assembly options that consider development stage (proof of concept/demonstrator, prototype, small production run) which are quite helpful for companies exploring areas beyond their traditional niche. You can be assured that this book will pay for itself many times over.
0 of 0 people found the following review helpful. superior
By bigkahuna113
This book is way more than I had expected. It was required for a class but once I started reading it amazed me. Very strait forward and down to earth

The Medical Device RD Handbook presents a wealth of information for the hands-on design and building of medical devices. Detailed information on such diverse topics as catheter building, prototyping, materials, processes, regulatory issues, and much more are available in this convenient handbook for the first time. The Medical Device RD Handbook also includes exclusive interviews with pioneers and leaders in the medical device industry, offering an insider's perspective on issues that are critical to the medical device entrepreneur.
Highlights Include
An Introduction to Medical Plastics
Catheter Forming Equipment and Operations
Basics of Catheter Construction
Basics of Medical Needles
Rapid Prototyping for Medical Devices
Reverse Engineering for Medical Devices
Using Medical Illustration in Product Development
Introduction to Pre-Clinical Studies
Introduction to Regulatory Affairs
Assessing Biocompatibility
Exclusive Interviews with Key Industry Leaders
And More
This practical handbook is a unique, insightful guide that helps you design, test, and successfully introduce new medical devices to the marketplace.