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# Introduction To Biomedical Equipment Technology



# Synopsis

\*\*\*\*\* International Edition \*\*\*\*\*

## Book Information

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## Customer Reviews

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Book talks about human anatomy very briefly in chapter 1. I recommended taking a Anatomy & Physiology class at your local college if you did not receive a biomedical engineering degree. Chapter 2 talks about the heart and circulatory system very well. Chapter 4 talks about measurements such as direct vs. indirect measurements, null measurements, and factors that affect measurements such as error, accuracy, precision. It also discusses measurement errors. Chapter 6 is a good chapter about transducers. Chapter 8 talks about electrocardiography and is pretty good. Chapter 9 talks about pressure, invasive blood pressure measurements, non invasive blood pressure measurements, cardiac output and thermodilution. It also discusses very well defibrillators, atrial vs. ventricular fibrillation. It also talks about pacemakers and the heart lung machine. Chapter 10 talks about human respiration and its measurements. Chapter 11 talks about respiratory therapy equipment. Chapter 12 talks about the nervous system. Chapter 16 talks about medical lab equipment and to me the chapter is outdated as far as the equipment they discuss. Chapter 17 talks about ultrasound and is not that great. Appendix D in the book does a good job at discussing electrical safety such as micro vs. macro shock, leakage current, isolation transformers, line isolation

monitors, and GFCI's. The chapters i didn't discuss chapters 3,5,7,13-15,18-27 were not very good or informative.

Don't buy this book. It's the wrong book. The picture is misleading. Check the isbn number before purchasing. Takes a long time to get and it comes open in the plastic on purpose so that you can't return it. This is the 2nd time I've had this happen. I've had to order this book 3 times now!

I received this book in its plastic shrink wrap covering, thus ensuring that is was not used. Although this book is listed as the US hardcover edition, that does not necessary mean that the book is what I would call a premium edition. Although, the binding is glossy hardcover; the pages inside are a non glossy black and white, shades of grey, printing that does have a less than perfect copied appearance with a few flaws in the printing. So if you are expecting a full color illustration with glossy pages as in traaditional text books, this is not. I is my guess why this book was selling for about 1/2 the price new as other new books.As far as content, I used this book for a semester of college class. We studied most of the chapters. Although, I thought that the chapters were well organized; much material was old and dated, though still valid. Many changes in technology and procedures have occured since then and I believe that the book needs a through updating. In conclussion, the text book did its job, and was a requirement of the class.

Fast Shipping and Great Price

My son needed this for school. He's been on the President's List a couple times - it must be good read.

The content is out of date but the book is required for the class I am taking. The fundamentals are all there. Book arrived well packed in new condition, no complaints.

Good the book

Thanks

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