



# The ACL Handbook: Knee Biology, Mechanics, and Treatment

From Springer



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The new age of biologic treatment of the ACL is coming. In *The ACL Handbook: Knee Biology, Mechanics, and Treatment*, the authors cover the past and current state of ACL injuries and treatment, and then introduce and explain the key concepts for understanding the new biologic approach to ACL treatment. The use of factors to enhance graft healing are reviewed, as well as an in-depth review of the science of platelet-rich plasma and its cellular components (platelets, white cells, and plasma). Chapters on in vitro models for science as well as the advantages and disadvantages of animal models for ACL research are included, as are chapters on the new technique of bio-enhanced ACL repair. All are discussed in easily readable text aimed at anyone with an interest of what is coming next in ACL surgery.

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- Sales Rank: #2664067 in eBooks
- Published on: 2013-05-14
- Released on: 2013-05-14
- Format: Kindle eBook

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### Editorial Review

From the Back Cover

ACL injuries affect the lives of hundreds of thousands of people each year. Treatment is far from perfect, and physicians and patients face challenges such as high failure rates in adolescent athletes and the inability to slow the accelerated progression of arthritis after an ACL rupture, for example. *The ACL Handbook* takes a complete view of ACL injuries and treatments, discussing:

- Normal ACL and knee mechanics
- The body's response to ACL injury
- Development of new treatment methods

Ideal for orthopedists, sports medicine physicians, and physical therapists, *The ACL Handbook* is a unique resource for information on the basic and applied science of ACL injury, repair, and the future of treatment.

### Users Review

**From reader reviews:**

**Debra Richardson:**

The e-book untitled The ACL Handbook: Knee Biology, Mechanics, and Treatment is the e-book that recommended to you to read. You can see the quality of the guide content that will be shown to you. The language that creator use to explained their ideas are easily to understand. The article writer was did a lot of analysis when write the book, to ensure the information that they share for you is absolutely accurate. You also will get the e-book of The ACL Handbook: Knee Biology, Mechanics, and Treatment from the publisher to make you far more enjoy free time.

**Mark Armstrong:**

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**Robert Jenkins:**

Many people spending their moment by playing outside using friends, fun activity together with family or just watching TV all day every day. You can have new activity to invest your whole day by reading through a book. Ugh, do you think reading a book can actually hard because you have to bring the book everywhere? It okay you can have the e-book, delivering everywhere you want in your Cell phone. Like The ACL Handbook: Knee Biology, Mechanics, and Treatment which is finding the e-book version. So , why not try out this book? Let's notice.

**Janie Williams:**

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