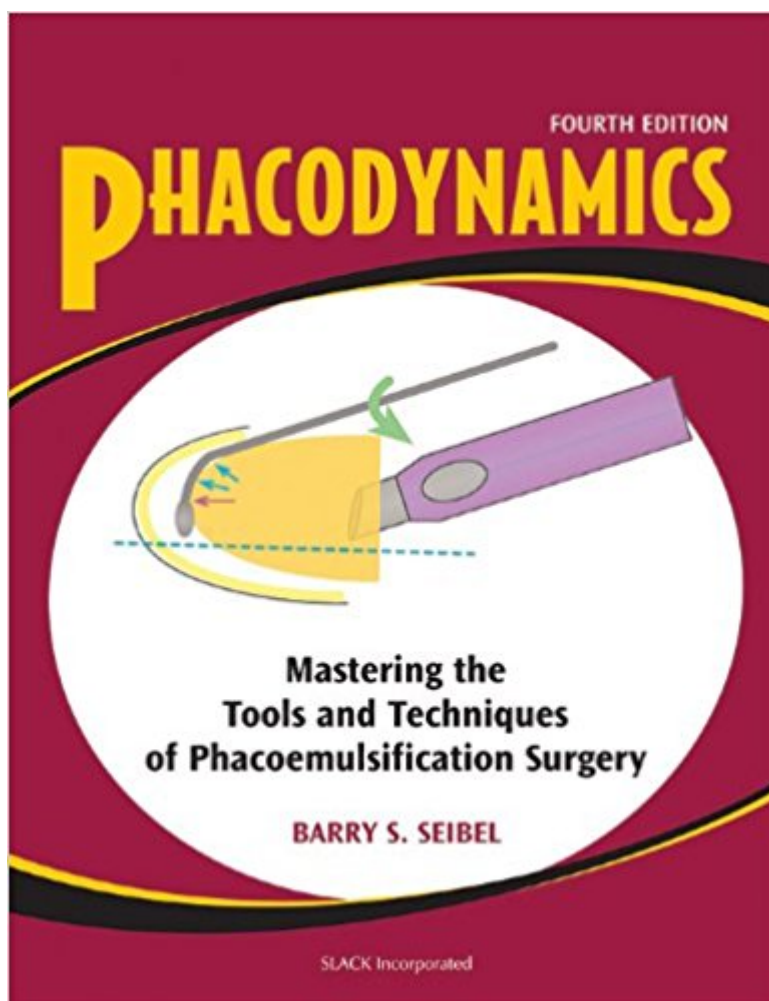


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# Phacodynamics: Mastering The Tools And Techniques Of Phacoemulsification Surgery



## Synopsis

What surgical advancements have spawned from the evolution of phaco technology? Join the thousands of surgeons who have utilized *Phacodynamics: Mastering the Tools and Techniques of Phacoemulsification Surgery* to understand and benefit from the advantages of phaco technology. The revised, expanded, and updated Fourth Edition of this classic text includes over 300 simple, yet elegant, figures and illustrations detailing the latest machine technologies and surgical techniques. Visual learners&#8230 In addition to examining the intricate relationship between the surgeon and the phaco machine, Dr. Barry Seibel profiles how the most recent advancements in machine technology can enhance your surgical procedures and optimize your results. With schematic figures and illustrations to accompany the detailed descriptions, surgeons can readily identify and distinguish between various flow pumps, vacuum pumps, and ultrasound power modulations. Surgery can then be customized moment by moment for each individual patient to maximize safety and efficacy. *Phacodynamics*, Fourth Edition utilizes a simplified approach to explain all the latest advancements in phaco technology and surgery and should be in the hands of all surgeons practicing in this specialized area. New topics included that are unique to this Fourth Edition:

- Bimanual Microincision Phaco Ultrasound Power Modulations including Burst and Pulse Modes
- AquaLase and Laser Surgical Technologies
- Expanded Horizontal Chopping Techniques including PreChop
- Vertical Chopping Techniques and Instrumentation
- Bimanual Irrigation and Aspiration
- Phacodynamic Complications
- Phacodynamics of Surgical Instrument Design

## Book Information

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## Customer Reviews

"I learned more about phacoemulsification surgery (in this book) than in all previous course time. The text is brilliantly illustrated. The diagrams amplify and refine the written paragraphs. This is a book that every cataract surgeon must review. This book has my highest recommendation. I wish I had written it." &#8212 Frederick S. Brightbill, MD Archives of Ophthalmology

"The other books tell you what to do. This book tells you why and how. The illustrations are superb, demonstrating clearly how phacoemulsification works and why some maneuvers must, necessarily, work better than others. This book is critical if you want to master the art and science of phacoemulsification." &#8212 Paul S. Koch, MD, Koch Eye Associates, Warwick, RI

"This book will be utilized best by that cataract surgeon who wants to truly understand the technology that he holds in his hands. I am sure that this added level of comprehension would easily enhance any cataract surgeons capabilities." &#8212 Leonid Skorin, Jr., MD, DO, FAOCO, Journal of the Osteopathic College of Ophthalmology and Otorhinolaryngology

I am an ophthalmology resident and was frustrated by different staff giving me different answers about what my phaco settings did for me. This book is a good reference for understanding the mechanics behind what you are doing. The text is limited to what you need to understand the diagram on the opposite page. There is very little in the way of long descriptions without practical applications or diagrams to keep you engaged. Also has some helpful points on capsulorrhexis and microscope use.

Good physical edition but this is the long out dated 1st edition and I would not have purchased it if I had realized it.

The book is written so that anyone can understand and recognize the manouvers.I can recommend it to anyone who is beginning their cataract training

If you want to understand and not just perform a cataract surgery this is the very basic knowledge to start with! An essential for ophthalmology residents!

this book allow you to start phaco with confidence. step-wise approach is helpful

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