



Mastering the Phacodynamics (Tools, Technology and Innovations)

By Ashok Garg, I Howard Fine, Jorge L Alio, David F Chang (Eds), Mark Packer (Frwd)

Jaypee Brothers Medical Publishers (P) Ltd., 2007. Hardcover. Condition: New. First edition. Phacoemulsification is considered to have the enhanced safety, efficacy and efficiency of the procedure due to reduced surgical action, less postoperative pain, fast visual recovery and minimal restrictions on the movement of the patient. The use of two-port and three-port bimanual microincision cataract surgical technique and other advanced approaches to nuclear disassembly including phaco chop and super capsular phacoemulsification provides a safe, efficient, and effective approach to the removal of cataract. The accompanying interactive DVD would serve as an excellent learning resource. A galaxy of top international phaco and microphaco experts share their skills and experiences about phacodynamics in this book. They emphasize that to master this science fluidics, power modulations and surge prevention should be learnt with dedication. SECTION I: PHACO MACHINE BASICS (TOOLS, TECHNOLOGY AND PRELIMINARY CONSIDERATIONS), History of Phacoemulsification, Phacoemulsification: Why and How to Convert, The Phaco Machine: Physical Fundamentals Governing its Interaction with the Eye, The Physics of Phaco Machines, Instrumentation for Phacoemulsification, Phaco Tips, Anesthesia in Phaco Surgery, SECTION II: PHACODYNAMICS: STEP BY STEP, Dynamics of Phaco Incision, The Dynamics of Sutureless Cataract Incisions, Dynamics of Ocular Surgical Adjuncts in Phaco Surgery, Phacodynamics,...



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