



# Eye Surgery

By Eisner, Georg / Telger, Terry C.

Book Condition: New. Publisher/Verlag: Springer, Berlin | An Introduction to Operative Technique | In this second English-language edition, existing chapters have been completely revised and new chapters added. The number of illustrations has been expanded and new terminology included. The novel how-to approach emphasizes basic principles that will help experienced as well as beginning eye surgeons master the unexpected. | The Paradox of High Success.- Tactics in Ophthalmic Surgery.- 1 Spatial Tactics.- 1.1 Pressure Systems for Regulating Chamber Volume.- 1.1.1 No-Outflow Systems.- 1.1.2 Controlled-Outflow Systems.- 1.1.3 Uncontrolled-Outflow Systems.- 1.1.4 Effect of External Forces on Regulating Systems.- 1.1.5 Basic Safety Strategy for Spatial Tactics.- 1.2 Space-Tactical Instruments.- 1.2.1 Watery Fluids.- 1.2.2 Viscous and Viscoelastic Materials.- 1.2.3 "Membranous" Implants (Bubbles).- 1.3 The Field of Spatial Tactics.- 1.3.1 The Pressure Chamber of the Globe.- 1.3.2 The Pressure Chamber of the Vitreous.- 1.3.3 Effect of Deforming Forces on the Pressure Chambers of the Eye.- 1.3.4 Deformations Caused by External Forces.- 1.3.5 Deformation by Hinge Folds.- 1.3.6 Margin of Deformation.- 1.3.7 Summary of Safety Strategy for External Forces.- 2 Tissue Tactics.- 2.1 The Application of Mechanical Energy.- 2.1.1 Handles.- 2.1.2 Grasping.- 2.1.3 The Division of Tissues.- 2.1.4 Uniting of Tissues.- 2.2 Application of Heat.- 2.2.1 Heat from an External...



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