



## Video Atlas of Anterior Segment Repair and Reconstruction

Managing Challenges in Cornea, Glaucoma, and Lens Surgery

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### Description

**The quintessential video atlas on anterior segment surgery from world-renowned pioneer and international experts!**

Disorders of the anterior segment are a leading cause of ocular morbidity. As a result of structural abnormalities associated with trauma, degeneration, developmental disorders, or iatrogenic causes, reconstruction is required. Significant breakthroughs have been made in anterior segment reconstructive approaches, including the use of stem cells, selective tissue transplant, glued lenses, and advanced suturing techniques. Video Atlas of Anterior Segment Repair and Reconstruction: Managing Challenges in Cornea, Glaucoma, and Lens Surgery by renowned ophthalmic surgery pioneers Amar Agarwal, Priya Narang, and international contributors is the most comprehensive resource available to date on anterior segment surgery, reflecting cutting-edge innovations.

Five sections and 27 chapters organized by ocular anatomy provide in-depth coverage on reconstructive techniques of the cornea, iris, aqueous drainage, and lens. The book and videos describe and highlight diverse state-of-the-art anterior segment surgery procedures, including limbal cell transplantation, keratoplasty, pupilloplasty, and intraocular lens implantation in deficient capsules. Clinical pearls throughout the concise text provide invaluable insights on surgical nuances and managing potential complications.

### Key Features

- ▶ Current and future cornea approaches including corneal endothelial reconstruction, pre-Descemet's endothelial keratoplasty, and keratoprosthesis
- ▶ Innovative iris techniques such as single-pass 4-throw pupilloplasty, iridodialysis repair, intraocular lens surgery, and complications and management of cosmetic iris implants

- Disease-related eye surgery including minimally invasive glaucoma surgery and intraocular lens fixation with double-needle technique
- 38 high-quality videos by the masters mirror live teaching sessions, providing greater understanding of a diverse spectrum of surgical approaches

This is a must-have reference for ophthalmology residents and practicing ophthalmologists, researchers, and cataract and glaucoma specialists. The high-quality surgical videos and insightful text also provide a robust classroom teaching tool.

This book includes complimentary access to a digital copy on <https://medone.thieme.com>.

