



Anophthalmia : The Expert's Guide to Medical and Surgical Management

<https://libcat.nshealth.ca/en/permalink/provcat44856>

- Available Online:** View e-Book
- Other Authors:** Johnson, Thomas E.
- Responsibility:** Thomas E. Johnson, editor
- Place of Publication:** Cham
- Publisher:** Springer
- Date of Publication:** c2020
- Physical Description:** 1 online resource (xiv, 306 p.) : 165 illus., 155 illus. in color
- ISBN:** 9783030297534
9783030297527 (Print ed.)
9783030297541 (Print ed.)
9783030297558 (Print ed.)
- Subjects (MeSH):** Anophthalmos
Eye Enucleation
Eye, Artificial
Orbit Evisceration
Orbital Implants
Surgery, Plastic - methods
- Specialty:** Ophthalmology
- Abstract:** This book provides a comprehensive review on the surgical care of patients requiring removal of an eye, as well as consequent functional and cosmetic rehabilitation. In addition to covering the crafting of ocular prosthetics, *Anophthalmia: The Expert's Guide to Medical and Surgical Management* also addresses the psychological and physical adjustments to losing an eye, and adapting to that loss. Divided into five parts, *Anophthalmia* functions as a go-to reference for ophthalmologists and oculoplastic surgeons. The book begins by laying out the clinical foundations and history of anophthalmia. Part II and III discuss surgical removal techniques, prosthesis fitting and maintenance, congenital anophthalmia, infections and inflammations, and newer surgical techniques such as osseointegration after orbital exenteration. Finally, the book concludes with chapters on prosthetic options including scleral shells, keratopigmentation procedures, and cosmetic contact lenses. Unique in content, *Anophthalmia* is a vital resource for practicing ophthalmologists, oculoplastic surgeons, and all medical professionals who care for patients with surgical and traumatic loss of the eye and orbital tissues. Additionally, sufficient detail and explanation make this work accessible to those in training, such as medical students, ophthalmology residents, and fellows.

Contents:	Part I. Clinical Foundations – 1. Introduction & Historical Perspectives – 2. Clinical Decision Making – 3. Sympathetic Ophthalmia – 4. Psychological and Cognitive Adjustment to Visual Loss – 5. History of Ocular Implants – Part II. Surgical Techniques – 6. Enucleation and Techniques of Orbital Implant Placement – 7. Evisceration – 8. Exenteration and Multidisciplinary Approaches – 9. Orbital Implants and Wrapping Materials – 10. Osseous Integration After Exenteration – Part III. The Anophthalmic Socket – 11. Maintenance of the Anophthalmic Socket – 12. Anophthalmic Socket Syndrome – 13. Socket Inflammation & Infection – 14. Management of Implant Exposure & Extrusion – 15. Secondary Orbital Implant Techniques – 16. Management of the Contracted Socket – 17. Socket Malignancy – 18. Cosmetic Interventions in Anophthalmia – Part IV. Pediatrics & Oncology – 19. Congenital Anophthalmos (CA) – 20. Retinoblastoma and Uveal Melanoma – 21. Strategies for Orbital Expansion – Part V. Prosthetics – 22. Scleral Shells – 23. Keratopigmentation (Corneal Tattoo) and Prosthetic Contact Lenses – 24. Making an Ocular Prosthesis.
Format:	e-Book
Location:	Online