# Contents

## SECTION 1: ORBIT


1. **Surgical Anatomy of Orbit** ..... 3
   *Shaloo Bageja, Ishita Anand, Swapnil Jadhav*
2. **Evaluation of Orbital Disorders** ..... 17
   *Mohit Chhabra, Ruchi Goel*
3. **Orbital Imaging** ..... 24
   *Mankirat Singh, Jyoti Kumar*
4. **Congenital Orbital Anomalies** ..... 45
   *Sumit Kumar, Ruchi Goel*
5. **Orbital Infection and Inflammation** ..... 49
   *Smriti Bansal, Sima Das*
6. **Rhino-orbito-cerebral Mucormycosis** ..... 70
   *Smriti Bansal, Ruchi Goel*
7. **Thyroid-associated Orbitopathy** ..... 74
   *Ruchi Goel, Amit Goel*
8. **Orbitotomy** ..... 85
   *Ruchi Goel*
9. **Orbital Decompression** ..... 92
   *Ruchi Goel*
10. **Enucleation, Evisceration, Orbital Exenteration, and Orbital Implants** ..... 97
    *Akshay Gopinathan Nair*
11. **Anophthalmic Socket: Evaluation and Management** ..... 109
    *Raj Anand*


## SECTION 2: TRAUMA


12. **Evaluation of a Case of Orbital Trauma** ..... 123
    *Tanvi Gaonker, Ruchi Goel*
13. **Orbital Fractures: A Conceptual Approach** ..... 127
    *Gangadhara Sundar*
14. **Traumatic Optic Neuropathy** ..... 138
    *Shalin Shah, Ruchi Goel*

## SECTION 3: LID

**15. Embryology and Anatomy of Eyelid ..... 143**
*Ruchi Goel*

**16. Ptosis Examination and Management of Congenital Ptosis ..... 148**
*AK Grover, Shaloo Bageja, Amrita Sawhney*

**17. Complicated Ptosis ..... 164**
*Sonam Singh, Paromita Dutta*

**18. Acquired Ptosis: Classification and Management ..... 169**
*Ruchi Goel, KPS Malik*

**19. Entropion and Ectropion ..... 173**
*Ruchi Goel, KPS Malik*

**20. Eyelid Retraction ..... 192**
*Ruchi Goel, KPS Malik*

**21. Blepharospasm and Hemifacial Spasm ..... 194**
*Neha Rathie, Tanvi Gaonker, Ruchi Goel*

**22. Congenital Abnormalities of the Eyelid ..... 197**
*Samreen Khanam, Ruchi Goel*

**23. Inflammatory Disorders of the Eyelid ..... 202**
*Samreen Khanam, Ruchi Goel*

**24. Facial Nerve Palsy ..... 206**
*Taru Dewan, Kanika Jain, Tanvi Gaonker*

**25. Eyelid and Canthal Reconstruction ..... 211**
*Ruchi Goel, KPS Malik*

**26. Facial Rejuvenation: Blepharoplasty, Brow Ptosis Correction, and Nonsurgical Methods ..... 218**
*Kasturi Bhattacharjee, Samir Serasiya, Deepika Kapoor*

## SECTION 4: LACRIMAL SYSTEM

**27. Embryology, Anatomy, and Physiology of Lacrimal Secretory and Drainage System ..... 235**
*Mohit Chhabra, Ruchi Goel*

**28. Evaluation and Abnormalities of Lacrimal Secretory and Drainage System ..... 244**
*Sumit Kumar, Ruchi Goel*

**29. Lacrimal Surgeries ..... 260**
*Swati Singh, Saurabh Kamal, Akshay Gopinathan Nair, Ruchi Goel*

**30. Recent Advances in Dacryology ..... 270**
*Nandini Bothra, Mohammad Javed Ali*

## SECTION 5: TUMORS

**31. Neoplasms and Malformations of the Orbit ..... 279**
*Ruchi Goel, Bita Esmaeli*

**32. Malignant Tumors of the Lid ..... 296**
*Ruchi Goel*

**33. Ocular Surface Tumors ..... 308**
*Sima Das, Chhavi Gupta Narula*

**34. Intraocular Tumors ..... 330**
*Raksha Rao, Santosh G Honavar, Rolika Bansal*

## SECTION 6: HISTOPATHOLOGY

**35. Histopathology Slides ..... 349**
*RK Saran, Shweta Raghav, Shalin Shah*

## SECTION 7: INSTRUMENTS AND SUTURE MATERIALS

**36. Oculoplastic Instruments—I ..... 359**
*Smriti Nagpal Gupta, Ruchi Goel*

**37. Oculoplasty Instruments—II ..... 376**
*Priyanka Golhait, Ruchi Goel*

*Index ..... 381*