

Part 1: Introduction to OCT

Section 1: OCT: What It Is

1.1 Scanning Principles

1.2 Basic Scan Patterns and OCT Output

Section 2: Data and Interpretation

2.1 OCT Interpretation

Section 3: OCT Artifacts

3.1 Artifacts on SD-OCT and OCTA

Section 4: Normal Retinal Anatomy and Basic Pathologic Appearances

4.1 Normal Retinal Anatomy and Basic Pathologic Appearances

Part 2: Optic Nerve Disorders

Section 5: Optic Nerve Disorders

5.1 Basic Optic Nerve Scan Patterns and Output

Part 3: Macular Disorders

Section 6: Dry Age-Related Macular Degeneration

6.1 Dry Age-Related Macular Degeneration

Section 7: Wet Age-Related Macular Degeneration

7.1 Wet Age-Related Macular Degeneration

Section 8: Macular Pathology Associated with Myopia

8.1 Posterior Staphyloma

8.2 Myopic Choroidal Neovascular Membrane

8.3 Myopic Macular Schisis

8.4 Dome-Shaped Macula

8.5 Myopic Tractional Retinal Detachment

Section 9: Vitreomacular Interface Disorders

9.1 Pachychoroid Syndromes

9.2 Vitreomacular Adhesion and Vitreomacular Traction

9.3 Full Thickness Macular Hole

9.4 Lamellar Macular Hole (LMH)

9.5 Epiretinal Membrane

Section 10: Miscellaneous Causes of Macular Edema

10.1 Postoperative Cystoid Macular Edema

10.2 Macular Telangiectasia

10.3 Uveitis

Section 11: Miscellaneous Macular Disorders

11.1 Central Serous Chorioretinopathy

11.2 Hydroxychloroquine Toxicity

11.3 Pattern Dystrophy

11.4 Oculocutaneous Albinism

11.5 Subretinal Perflourocarbon

11.6 X-linked Juvenile Retinoschisis

Part 4: Vaso-Occlusive Disorders

Section 12: Diabetic Retinopathy

12.1 Non-proliferative Diabetic Retinopathy

12.2 Nonproliferative Diabetic Retinopathy with Macular Edema

12.3 Proliferative Diabetic Retinopathy

Section 13: Retinal Vein Occlusion

13.1 Branch Retinal Vein Occlusion (BRVO)

13.2 Central Retinal Vein Occlusion (CRVO)

Section 14: Retinal Artery Occlusion

14.1 Branch Retinal Artery Occlusion

14.2 Central Retinal Artery Occlusion

14.3 Cilioretinal Artery Occlusion

14.4 Paracentral Acute Middle Maculopathy

Part 5: Inherited Retinal Degenerations

Section 15: Inherited Retinal Degenerations

15.1 Retinitis Pigmentosa

15.2 Stargardt Disease

15.3 Best Disease

15.4 Cone Dystrophy

Part 6: Uveitis and Inflammatory Diseases

Section 16: Posterior Non-Infectious Uveitis

16.1 Multifocal Choroiditis

16.2 Birdshot Chorioretinopathy

- 16.3 *Serpiginous Choroiditis*
- 16.4 *Vogt-Koyanagi-Harada Disease*
- 16.5 *Sympathetic Ophthalmia*
- 16.6 *Posterior Scleritis*

Section 17: Posterior Infection Uveitis

- 17.1 *Toxoplasma Chorioretinitis*
- 17.2 *Tuberculosis*
- 17.3 *Acute Syphilitic Posterior Placoid Chorioretinitis*
- 17.4 *Candida Albicans Endogenous Endophthalmitis*
- 17.5 *Acute Retinal Necrosis Syndrome*

Part 7: Trauma

Section 18: Physical Trauma

- 18.1 *Comotio Retinae*
- 18.2 *Choroidal Rupture and Subretinal Hemorrhage*
- 18.3 *Valsalva Retinopathy*

Section 19: Photothermal, Photomechanical, and Photochemical Trauma

- 19.1 *Laser Injury (Photothermal and Photomechanical)*
- 19.2 *Solar Maculopathy*

Part 8: Tumors

Section 20: Choroidal Tumors

- 20.1 *Choroidal Nevus*
- 20.2 *Choroidal Melanoma*
- 20.3 *Choroidal Hemangioma*

Section 21: Retinal Tumors

- 21.1 *Retinal Capillary Hemangioma*
- 21.2 *Retinoblastoma*

Section 22: Other Tumors

- 22.1 *Metastatic Choroidal Tumor*
- 22.2 *Vitreoretinal Lymphoma*
- 22.3 *Primary Uveal Lymphoma*

Part 9: Peripheral Retinal Abnormalities

Section 23: Retinal Detachment

23.1 Retinal Detachment

Section 24: Retinoschisis

24.1 Retinoschisis

Section 25: Peripheral Lattice Degeneration

25.1 Peripheral Lattice Degeneration