

Outline for “**Retina in Your Chair: Treat It or Out of There?**”

What technologies are used for diagnosing retinal pathology

Clinical exam

BIO

Slit lamp 78/90D

Scleral depressor

General observations: beyond the retina

Clinical technology

Retinal photography

Widefield imaging/technology

Autofluorescence

Indications

General concepts

OCT

General concepts

Advanced techniques

Time domain vs spectral domain

Some pathologies only seen with spectral domain

PIL

Measurement of choroidal atrophy

What is accessible to the average practitioner

Fluorescein angiography

Today's applications

Plaquenil maculopathy

What is plaquenil used for

Doses thought to be enough to allow/trigger toxicity

What were the historic guidelines for screening

New guidelines for screening

Referral criteria

Tests to be used

Objective testing

Subjective testing

Clinical appearance

Central serous choroidopathy

Incidence

What is the underlying pathology

Bruch's membrane

Neurosensory vs RPE fluid

Clinical appearance

Funduscopy exam

OCT findings

Follow-up schedule

Treatment

Historical

Current

Posterior vitreous detachment

Incidence

What is underlying pathology

Appropriate clinical exam

VMT

What is it?

How can it affect vision/outcomes

Timeline for a PVD

Appropriate treatment

Are actual treatments needed?

Follow-up schedule

Treatments in the pipeline

Lattice Degeneration

How to Diagnosis

Odds of retinal detachment

Who needs to be followed and who may need treatment

References to work of Dr. Byers

Retinal breaks

Methods of diagnosis

Importance of symptoms

Classifications

Operculated

Atrophic

Tears

Horse-shoe

Giant

Treatment options

Follow-up strategies

Retinal detachment classifications

Methods of repair

Diabetes

Importance of systemic care

Correlation to retinopathy

Opportunity for OD to impact

Classifications of retinopathy

Criteria for treatment

ETDRS based

Newer strategies

Treatment options

ETDRS based

Anti-Vegf

Steroid

Injections

Inserts

Combinations

New treatments on the horizon