Fixing Retinal Detachments
Simple and Complex

Avoiding a Dark Day in Surgery
Phakic inferior RD with hole in lattice degeneration and a demarcation line

Management?
Phakic macula-on RD with lattice degeneration and a demarcation line

Laser only, SB only, vitrectomy only, combination?
Do demarcation lines provide any barrier to RD extension?
Spontaneously resolving chronic retinal detachment

Any treatment required?
Chronic, phakic RD with atrophic holes in lattice
Would anyone place a buckle only?

Do you cryo using chandelier light and microscope, or indirect? What is your drainage technique?
Persistent submacular fluid posteriorly following SB (break mounted) for chronic RD

Do you place in-office gas and position? Perform vitrectomy, GFX, and position? Wait it out?
Acute phakic superior macula-on RD

Pneumatic Retinopexy?
How do you avoid fish egg bubbles with Pneumatic Retinopexy?
Acute phakic macula-on RD with retinal tear in lattice degeneration

If you do not perform Pneumatic Retinopexy, when do you go to surgery?
Acute phakic macula-off RD with large retinal tear
Management?

Would combining SB with vitrectomy increase your chances of anatomical success?
Acute phakic RD with break in lattice degeneration

Does the presence of extensive lattice degeneration alter your approach?
Acute phakic superior macula-off RD with two large retinal tears and a bridging retinal vessel

Do you laser 360 degrees or just the breaks?
Chronic RD with traumatic retinal dialysis
What surgery do you recommend?

Do you encircle or place a segmental buckle?
Phakic RD with a large inferotemporal dialysis and a large macrocyst

Do macrocysts require any special attention?
Pseudophakic macula-off RD with superior break

Management?
Pseudophakic macula-on RD with temporal break

Endodrainage retinotomy or PFC liquid?
Acute pseudophakic RD with holes in lattice

Management?
Pseudophakic RD with multiple, small breaks

If you perform vitrectomy only, do you laser 360 degrees or just the breaks you find? How do you gauge how posteriorly to laser?
Pseudophakic RD with inferotemporal break and early starfold formation

At what point might you consider placing a SB along with vitrectomy?
Recurrent pseudophakic retinal detachment with early PVR, four weeks after surgery

Do you intervene now or wait for the membranes to mature? Do you peel ILM as part of your re-op?
Phakic RD with PVR s/p failed SB, Vit, GFX, Laser

When do you remove the crystalline lens in an eye with posterior PVR?
PVR and subretinal fibrosis

When do you remove subretinal fibrosis?
Do you have any tips on technique?
Is giant retinotomy necessary for dissection of posterior napkin ring subretinal fibrosis?
Phakic RD with PVR five weeks after laser treatment for superior retinal break

What is your indication for using silicone oil in PVR? Do you use any pharmacologic agents in PVR cases?
Pseudophakic RD with PVR

Technique for working within a tight funnel?
Chandelier lights/bimanual forceps in all PVR cases?
PVR with circumferential traction

Do you ever perform focal inferior retinotomies or always create 180 degree inferior retinotomies?
How do you treat submacular PFC liquid?

How do you avoid subretinal PFC liquids?
Do you place a scleral buckle with vitrectomy? How do you avoid slippage?
Retinoschisis and retinal detachment

Full thickness break, inner wall breaks, and a large outer wall break
High myope with macular hole and retinal detachment

Is there a role for macular buckling?
Do you remove the ILM? Invert ILM over the hole?
Retinal detachment secondary to optic pit

Do you always place laser temporal to the disc?
Phakic RD in an immunocompetent patient
Acute Retinal Necrosis Syndrome-HVZ

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