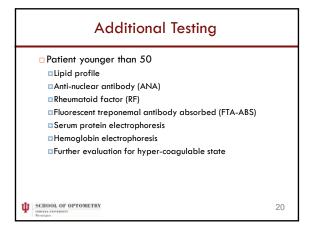
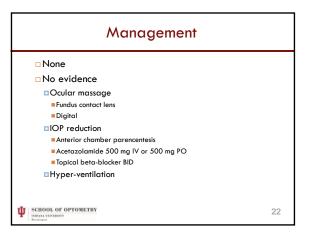
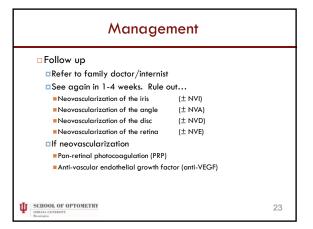


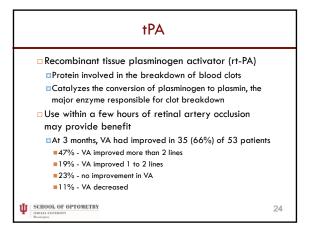
# Additional Testing Evaluate carotid artery Duplex doppler ultra-sonography Cardiac evaluation Electrocardiography (ECG) Echocardiography Holter monitoring To confirm diagnosis VFA Electro-retinography (mf-ERG)

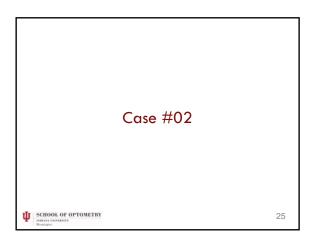


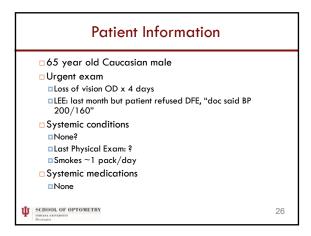
### Patient Management Blood testing Likely anti-phospholipid syndrome (APS) with elevated beta-2 glycoprotein I antibodies, IgM Retest recommended in 12 weeks to confirm Recommended anti-coagulant treatment Prior chest/neck trauma Echocardiogram recommended Carotid doppler recommended Patient saw multiple ECPs and PCPs; lost to follow up.

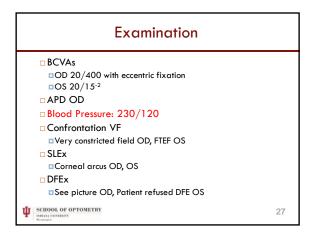


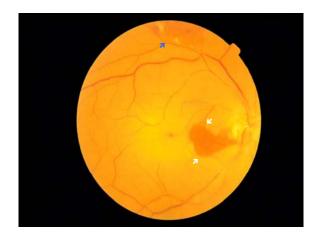


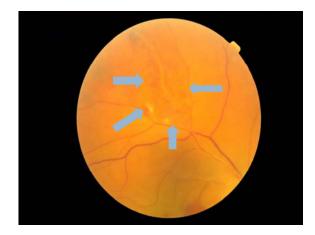


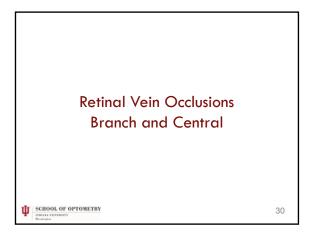


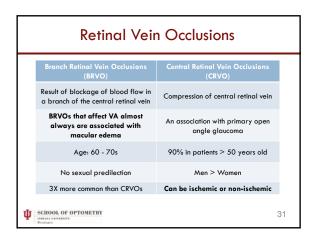


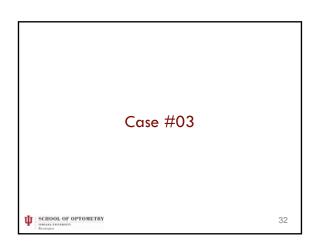


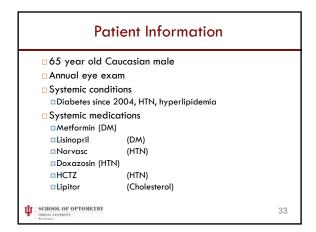


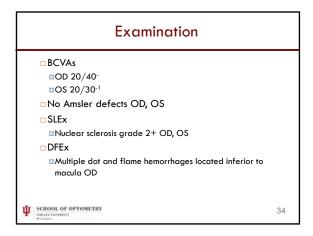


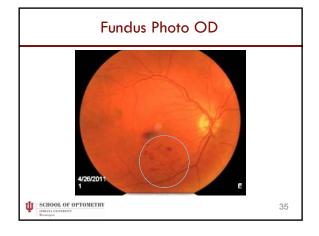


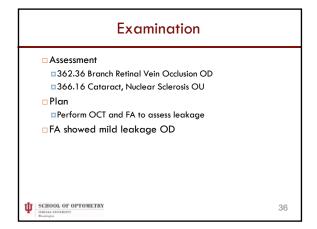


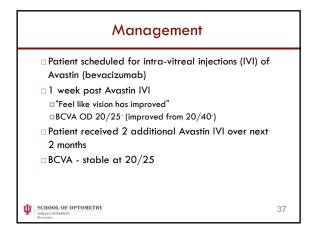


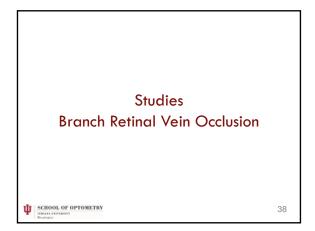


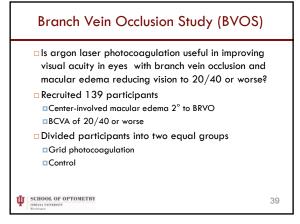


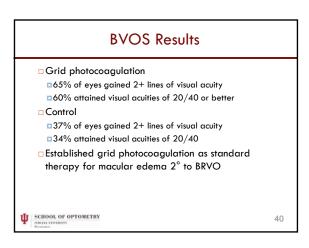


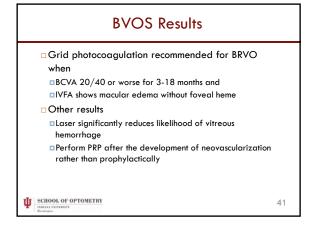


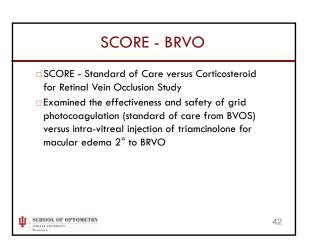


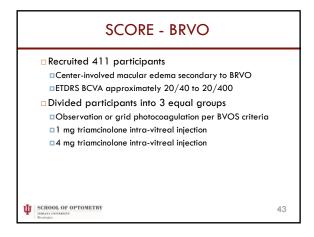


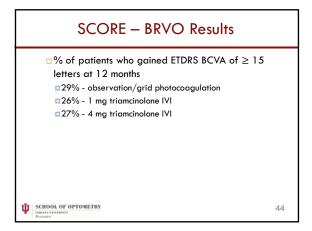


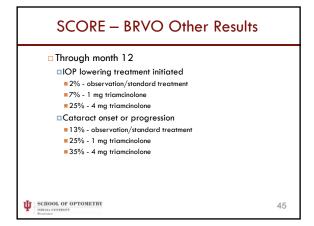


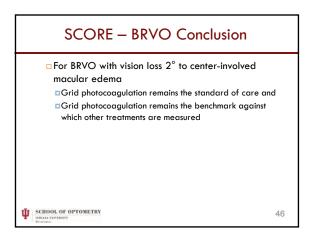


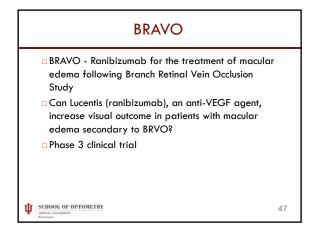


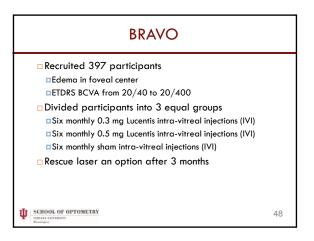


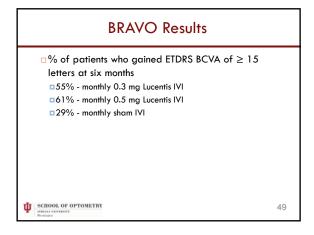


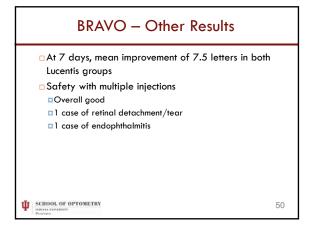


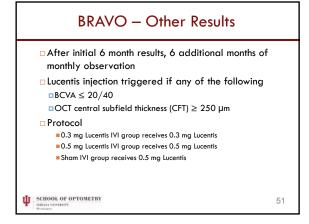


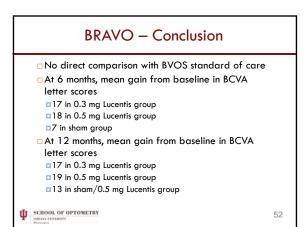




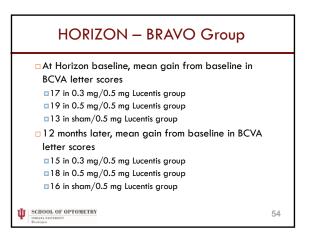


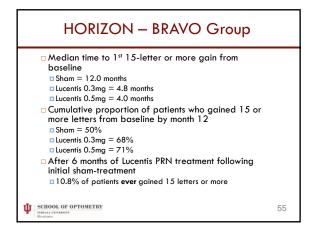


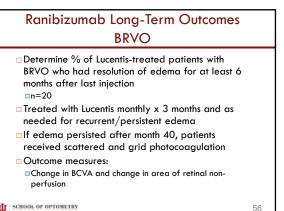


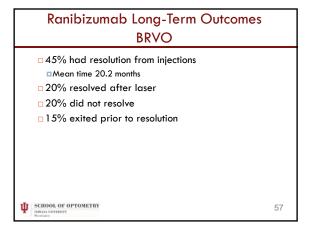


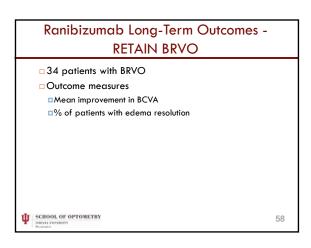
# After BRAVO and CRUISE HORIZON After 12 months of BRAVO and CRUISE, patients followed approximately 14 additional months Examined at baseline and every three months after Lucentis injection triggered if any of the following BCVA ≤ 20/40 OCT central subfield thickness (CFT) ≥ 250 μm Protocol 0.3 mg Lucentis IVI group receives 0.5 mg Lucentis 0.5 mg Lucentis IVI group receives 0.5 mg Lucentis Sham IVI group receives 0.5 mg Lucentis

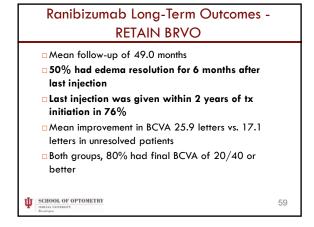


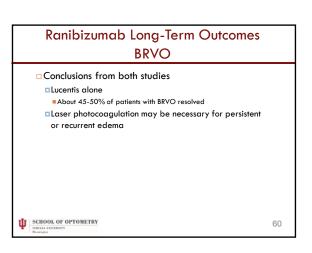


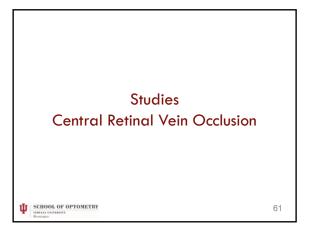


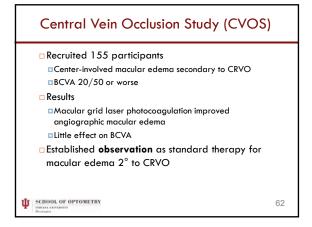


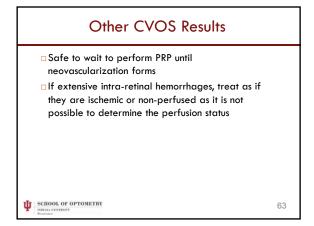


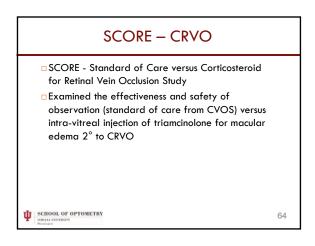


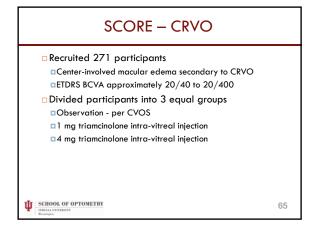


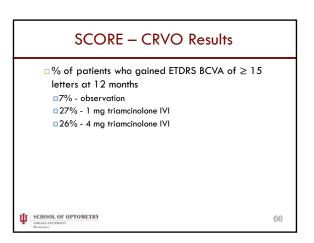


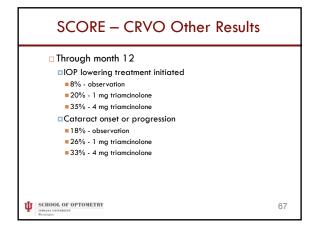


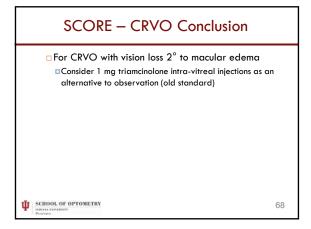


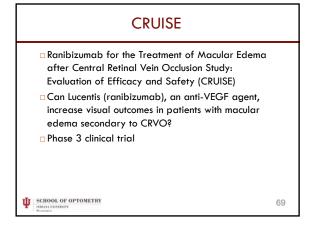


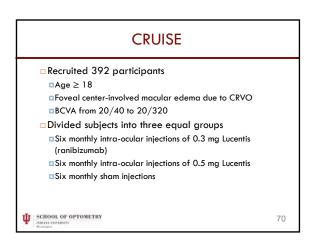


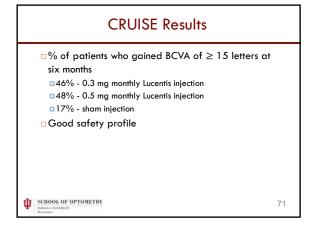


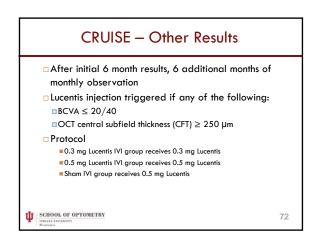


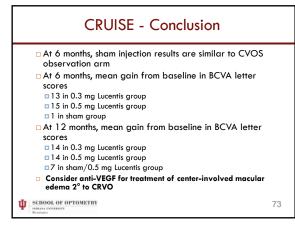


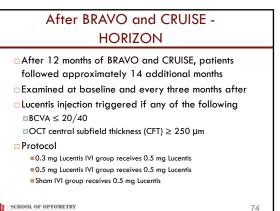


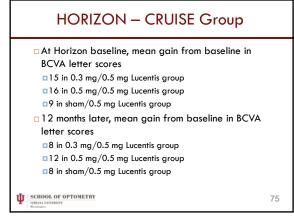


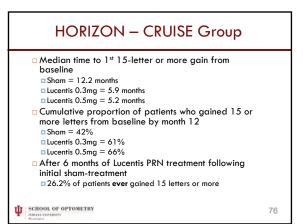




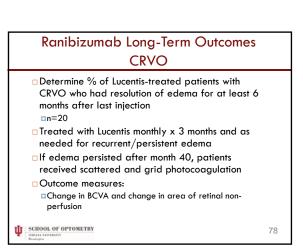




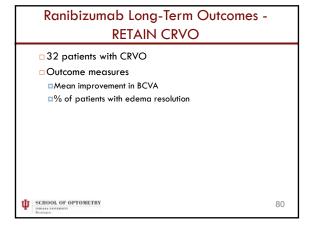




### HORIZON — CRUISE Group More than 50% of patients treated with monthly ranibizumab achieved clinically significant vision gains during the initial 6 months of treatment, which largely were maintained using PRN treatment to 12 months. In comparison, less than 50% of patients initially randomized to sham (and later receiving ranibizumab 0.5 mg PRN treatment) ever achieved clinically significant vision gains. Take Home: TREAT EARLY!



# Ranibizumab Long-Term Outcomes BRVO 25% had resolution from injections Mean time 14.0 months 0% resolved after laser 40% did not resolve 35% exited prior to resolution Those who resolved: Were younger (52.8 vs. 71.6 years old) Had shorter duration of disease (4.4 vs. 14.4 months) Had better BCVA



#### Ranibizumab Long-Term Outcomes RETAIN CRVO Mean follow-up of 49.7 months 44% edema resolution for 6 months after last injection Last injection was given within 2 years of tx initiation in 71% Mean improvement in BCVA 25.2 letters vs. 4.3 letters in unresolved patients In resolved group, 64.3% had final BCVA of 20/40 or better In unresolved group, 27.8% had final BCVA of 20/40 or better

