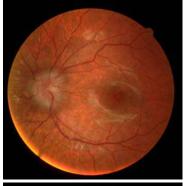
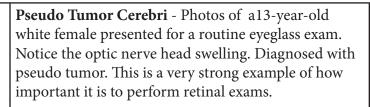


Retina Disease

Myelinated-Nerves - A simple "birth mark." This was the first time the patient could see what previous eye doctors told him concerning his eye.
Central Vein Occlusion - Photo was taken undilated during routine pre-testing with an asymptomatic patient. The patient was dilated and the photos were re-taken after dilation. The photos were the same quality dilated and undilated (the patient had cataracts so the photos were not sharp). The patient was referred to a retinal specialist for injections to restore her vision.
Commotio-Retinae - Bruising from blunt force trauma. This patient was kicked in the eye 10 years prior during a soccer event. Undilated photo.
Hollenhorst-Plaque - A small piece of cholesterol that got stuck in one of the small retinal vessels. This was a pre-test photo (undilated). The cholesterol could not be found easily on the eye though it is obvious in the photo. On a routine dilated exam, it would have been missed looking at the patient's retina. The camera found it. The patient was advised to get a cholesterol and neck artery (carotid) exam. If this happens in the brain (cholesterol emboli), this would be a stroke.
Retinal-Hole - The retinal defect was out in the periphery (next to the ora serrata), out beyond the standard-7 shot mode. After switching to the manual mode, this shot was easily taken. This was the first time the patient could see the retinal hole after being told about it for 15-20 years.

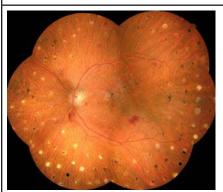




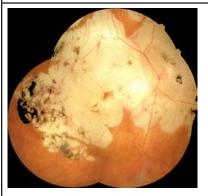


Symptoms of pseudo tumor cerebri:

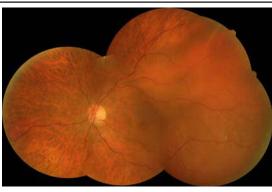
- headache, sometimes daily, sometimes severe, not relieved by medication
- hearing loss
- impaired vision or eventual blindness
- memory problems
- Migraine attacks with unexplained triggers
- nausea
- pain behind the eyes
- pulsating intracranial noises
- shoulder and/or neck pain
- tinnitus



Diabetic-Laser-Surgery - An eye with very poor vision (20/100) taken by a tech recently graduated from high school. This would have been an extremely difficult photo to do with other cameras. The AFC-330 easily takes photos that were previously difficult to take, or needing highly trained/ specialized staff.

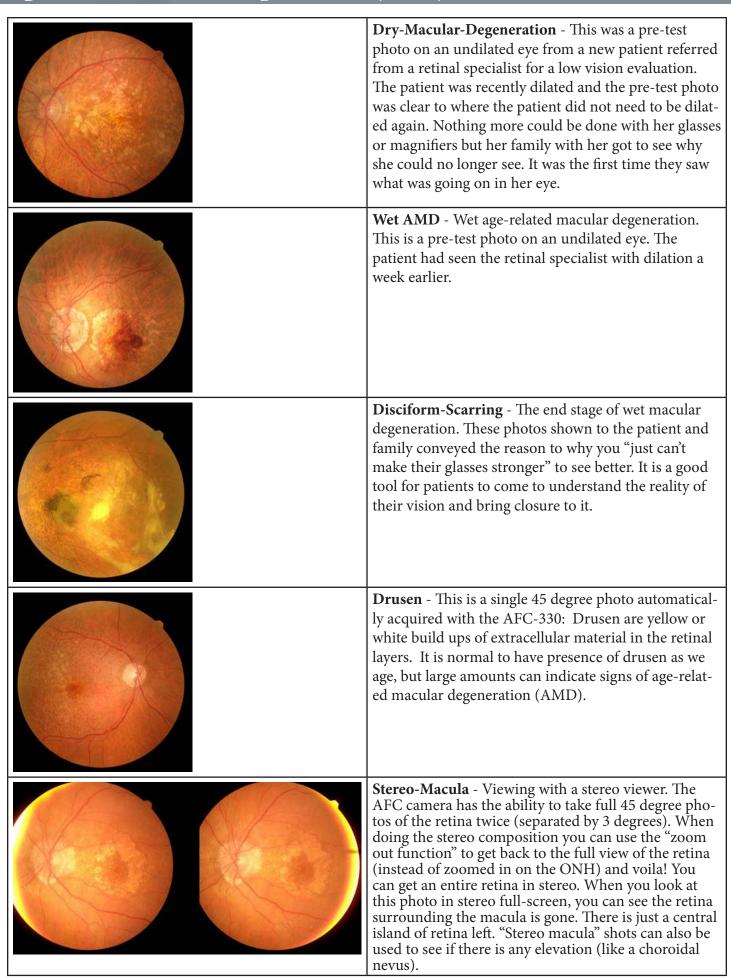


Coloboma - This is a Panoramic set acquired by the AFC-330 and auto-montaged with NAVIS-EX software: this displays a birth defect where a hole does not close. Effects to vision is dependent upon location of the hole. In this case the patient can fixate and it is located in the peripheral retina.

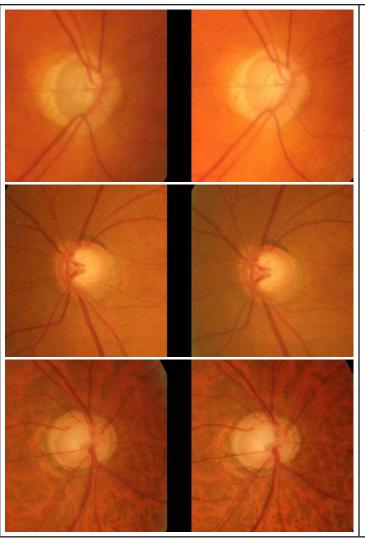


Retinal-Detachment - This patient was seen the day the detachment was in progress. The patient could see the detachment moving across, and her losing her vision as it happened. The patient was in surgery a couple hours after this photo. This photo was difficult to obtain because the patient had very little vision and could not focus on the camera target. The AFC was set to manual mode to get these shots.

Age-Related Macular Degeneration (AMD)

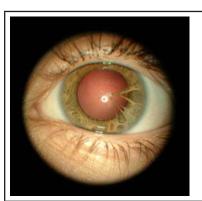


Glaucoma Disease Management

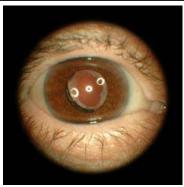


Glaucoma - The ability to obtain so many stereo optic nerve head (ONH) shots and see these on a large 22 inch computer at full screen can change your diagnosis and treatment plan for patients. To be able to set and focus on the ONH on-screen (instead of with an uncomfortable bright light slit lamp light) is invaluable. You can really see what is going on with the nerve - really a game changer. The stereo photos are also incredibly easy to get.

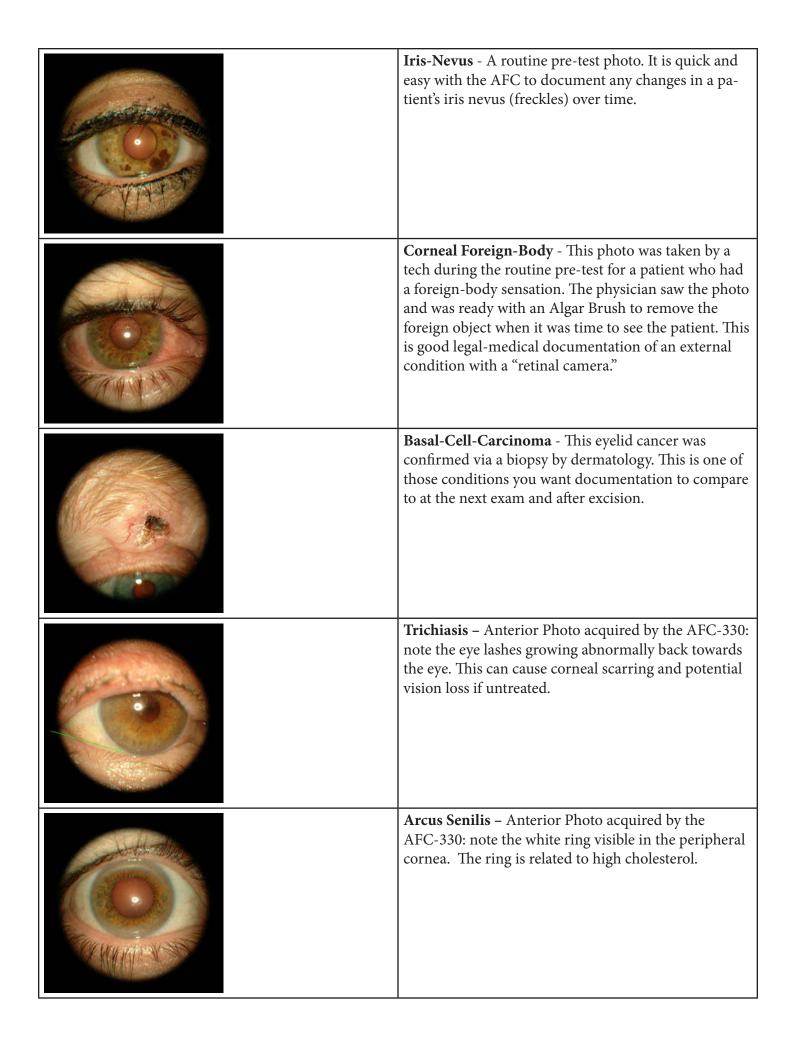
Anterior Segment Images



Congenital Cataract - Routine photos can be taken (internal nonmydriatic and external) on all patients during pre-testing since the AFC-330 is so quick and easy to use. Especially since it has the ability to interface with OfficeMate software. There is no need to manually re-input patient demographics into Navis or the AFC. The is just one of the everyday photos taken during a routine pre-test.



Intraocular-Lens - A patient returned after cataract surgery. She had extraordinarily large pupils (this photo was undilated) and she was shown her new lens put inside her eye. It was her "ah-ha" moment. She realized what cataract surgery was. She was unable to understand the concept of cataract surgery from the explanations by the physician, the surgeon, or techs, but she was able to understand the photo.





Conjuctival Cyst - Anterior Photo taken by the AFC-330: This is a fluid filled mass within the conjunctiva. Symptoms are discomfort and excessive tearing.