

## About Pan-Retinal Laser Treatment in NYC

Specialized eye laser treatment can correct problems related to retinal disease. Retinal neovascularization occurs in many retinal diseases where there is ischemia (lack of blood supply) to the retina. In this condition, new abnormal blood vessels may bleed inside the eye.

When this occurs, pan-retinal photocoagulation is used to seal the retina and stop the abnormal vessels from growing and leaking. Hundreds of tiny spots are placed in the retina to reduce the risk of vitreous hemorrhage and retinal detachment. The eye laser treatment is used to destroy all of the dead areas of the retina where blood vessels have been closed. When these areas go through eye laser treatment, the retina stops making new blood vessels.

Pan-retinal laser treatment is performed for advanced proliferative Diabetic Retinopathy as well as other retinal conditions where ischemia occurs such as Sickle Cell Disease, Lupus and other medical conditions.



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