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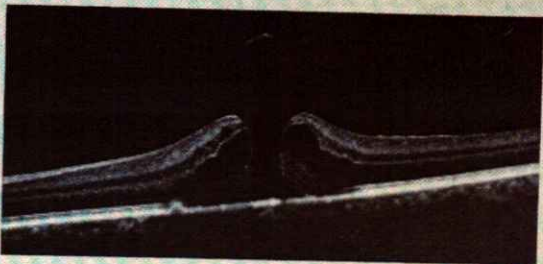
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MACULA CENTER Home Eye Problems Retina Surgery Eye News

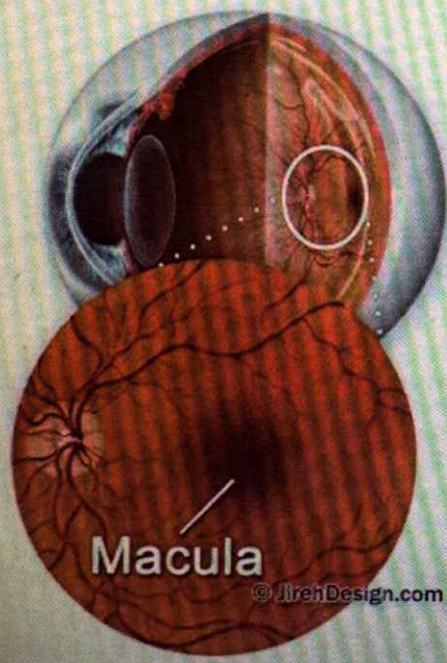
scanner

~~Dr. Deupree uses the newest, state-of-the-art, high-definition macula scanner on the market.~~ The Zeiss

X Cirrus HD-OCT is a non-invasive technology used for imaging the vitreous and retina — the multi-layered sensory tissue lining the back of the eye.



The Optical Coherence Tomography (OCT) scanner provides physicians with an automated, segmented representation of the choroid and retinal layers. It was the first instrument to allow doctors to see cross-sectional images of the retina. This technology has been used in vitreo-retina care for years. However, the latest high-definition, spectral domain scanning technology has revolutionized the way retina physicians image and diagnose macula conditions.



With its advanced, next generation, precise algorithms, The Zeiss Cirrus provides ~~Dr. Deupree~~ highly detailed, high-definition maps and images of the macula and retinal structures. This allows ~~Dr. Deupree~~ to make the most accurate diagnosis possible. The instrument captures 3-dimensional "cubes" of choroidal and retinal imaging and presents it to the physician with a powerful software format that allows the doctor to interact with the layers and images.

For **macular degeneration**, **macular pucker**, **macular hole** and **glaucoma patients**, this new imaging technology offers a quantum leap forward in diagnosis technology.

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