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Eye surgeon explains laser surgery options

Guest Contributor

World renowned eye surgeon, Dr. Arun Gulani has returned home to Jacksonville after being honored as the only eye surgeon in the world to be invited to present his innovations among Noble laureates at the First World Biotech Conference held in Dubai.

Gulani explains why we end up needing reading glasses and shares with us his new treatments for the same. So put on your "cheaters" and read on.

In a young eye (less than about 40 years old), the lens is fully transparent and also flexible. The lens muscles can easily change its curvature from steeper to flatter, and give you clear vision at all distances. But during middle age, usually beginning in the early 40's, the lens becomes less able to change its shape, so people experience blurred vision at near points, such as reading, sewing or working at the computer or smart phone. This is known as Presbyopia.

Gulani describes this mechanism as an age-related loss of "Zooming power" (tele and wide, like a camera) of your natural lens inside your eye (hence you zoom with your arms



Dr. Arun Gulani

— so-called short hands syndrome).

Given time, presbyopia happens to everyone. Also, you can have other conditions (like cataracts, near-sightedness, and farsightedness) and

presbyopia at the same time. In fact, you can even have 20/20 vision, but still need reading glasses because of presbyopia.

Gulani approaches every eye as a camera and uses a full spectrum of vision corrective techniques and combinations to customize treatments for presbyopia. A worldwide clientele of patients flying into Jacksonville to see him daily is testimony to this trail-blazing endeavor.

Advanced LASIK "No-Blade" Blend Laser Vision Surgery

In patients who do not have a cataract yet, Gulani uses advanced laser surgery to optically manipulate vision so both eyes blend to see at all distances using spherical aberrations as a higher form of vision correction. For patients who are used to Monovi-

sion with their contact lenses (Non-dominant eye is focused for near while dominant eye is focused for distance) Gulani replicates that arrangement with the Laser surgery.

Custom Cataract Surgery

With age when your natural lens in the eye becomes a Cataract (cloudy), Cataract surgery with New Generation Multifocal lenses like ReStor, ReZoom, Tecnis or Crystalens (very much like bifocal/multifocal/progressive glasses)

can be used to permanently clear your cloudy vision and restore your ability to "zoom" without glasses.

Also, Advanced Laser Vision Surgery can be combined with cataract surgery in stages to complete the unique vision goals for your eye and even help patients who have had cataract surgery in the past.

To learn more about presbyopia, Advanced Lasik, New Generation, Custom Cataract surgery, visit www.gulanivision.com

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