Strabismus surgery is both safe and effective in adults, despite widespread misconceptions to the contrary. Many adult patients defer strabismus surgery for years, even though they are very troubled by the problem. These patients may even be directed by an eye care professional to avoid eye muscle surgery due to potential harm, poor outcomes or because the procedure is to be considered “purely cosmetic”. They are often told that the results will not improve their vision and therefore the risk benefit ratio is not in favor of having this potentially life changing intervention. Some patients without diplopia have been told that they are very likely to develop diplopia after successful realignment has occurred. This risk is actually less than half a percent of adults treated with strabismus surgery and is reversible. Patients may even have been told that it simply will not work for adults. The data just doesn’t support those claims.

So how great is this problem? While there are no population-based studies on adult strabismus, estimates range as high as 5% of all adults. The condition is about as common in adults as in children. The majority of these adults with strabismus can have their strabismus safely improved by strabismus surgery. Once realigned, such patients tend to stay aligned. More often than not, double vision can be reduced or eliminated after proper surgical intervention. In many cases some degree of binocular vision can be restored.

So who should be referred for possible strabismus surgery? Obviously, when prism treatments fail or are inappropriate adults might choose to have strabismus surgery because they have diplopia or other related symptoms. Many other affected adult patients have self-esteem or other psychosocial issues, driving difficulties, visual confusion, headaches, asthenopia, pulling sensations, excessive sleepiness, reading aversion and balance issues. Often they do not even realize that such problems are related to their strabismus.

CONTINUED ON NEXT PAGE
The benefits of strabismus surgery in adults can include: improved ocular alignment, reduction or elimination of diplopia, restored sensory binocular fusion, expansion of binocular visual field, improvement of an abnormal head position and improved social skills and self-image.

Serious complications during and after adult strabismus surgery are rare. Nonetheless, strabismus surgery has the following risks to be considered carefully: postoperative acquired diplopia, loss of binocular fusion and the need for unplanned re-operation. Perioperative risks related to deep scleral suture passes infrequently occur, in addition to lost or slipped muscles, infection and anterior segment ischemia can occur. Long-term over- or under-correction is probably the biggest risk, but the use of adjustable sutures helps to minimize this problem. Each of these issues can be managed successfully to insure the desired satisfactory outcomes.

The Bottom Line

Strabismus surgery in adults is not simply cosmetic. It is reconstructive, and it has marked potential functional benefits, including the restoration of normal alignment and binocularity and the expansion of peripheral visual fields. The potentially enormous psychosocial benefits should not be ignored. These are some of the most satisfied and appreciative patients in my practice. The challenge is to get this information out to physicians, patients and insurance companies so that more patients can be helped. Please remember that Adult Strabismus Surgery is not “simply cosmetic". Many of our adult patients with or without diplopia can benefit.

Note: Extensive bibliography is available on request

EYES ON OMNI

DR. DANIELLE STRAUSS – WELCOME

With excitement, Omni Eye Surgery New York announces the arrival of Danielle Strauss, M.D., our new retinal surgeon. She will be exclusively available in our New York and Brooklyn offices. She is a Summa Cum Laude graduate of the University of Pennsylvania. She received her medical degree from the Mount Sinai Medical School in NYC, furthered her education with an ophthalmology residency at the New York Eye and Ear Infirmary, and completed a two year retina fellowship at NYEEI. She completed a rigorous surgical and medical retina fellowship and has gained vast experience in all aspects of retinal care. She has performed hundreds of procedures and is comfortable with all aspects of retinal pathology.

Having Dr. Strauss readily available in Omni’s New York locations will greatly increase the access for your patients. Dr. Strauss is committed to being accessible for all of your routine and emergency retinal cases. We invite you to meet Dr. Strauss and enjoy her informative presentation at our monthly CE sessions in our 46th street facility. As always, Omni’s retinal services are available to you 24-7. Please call us at (212) 353-0030 with any questions you may have about our expanded services and locations.

OMNI WELCOMES ITS NEW RESIDENTS!

All of us at Omni welcome our four new optometric residents for the 2015/2016 academic year. Although they just recently joined our group on July 1, 2015 they have already impressed our staff with their abilities. Because of your continued support, Omni is pleased to have the opportunity to take part in the education of the next generation of Optometrists!

DR. NAZREEN ESACK – PARSIPPANY CENTER DIRECTOR

Omni Eye Services is proud to announce that Dr. Nazreen Esack has been appointed Center Director of our Parsippany Office. Dr. Esack has been with Omni for over five years serving first as an Optometric Resident and then remained on staff as a Consultative Optometrist since 2011. We are sure Dr. Esack will provide you and your patients with the advice and expertise you would expect from Omni Eye Services. Dr. Esack looks forward to meeting with all of you in the near future. Please feel free to reach her in the office (973) 538-7400 or on her cell phone (614) 330-0497 with any questions or concerns.

DR. BURTON WISOTSKY – ADDITIONAL NEW JERSEY HOURS AVAILABLE

With Omni’s addition of Dr. Danielle Strauss in our New York locations, Dr. Burton Wisotsky will exclusively be in Omni’s New Jersey locations. Dr. Wisotsky will be in each New Jersey office at least one, and often two times per week. This will allow more opportunity for your patients to schedule appointments without any wait time. In addition, we will continue our commitment to evaluate and treat any of your emergency patients in a timely and effective manner. Dr. Wisotsky will continue to operate at our New Jersey surgical facility, ESSI, twice a week, so that patients can undergo surgery at convenient times. Emergency surgery of course will be scheduled as necessary. We are excited at the continued growth of Omni Eye Services and the retina division and we look forward to helping your practice by offering excellent and convenient retina care to your patients.

www.omnieyeservices.com
CLARITY/TLC:
The AcuTarget HD Analyzer: Advances in Assessing the Quality of Vision
Shanda Ross, O.D., Clinical Director, Clarity Refractive Services/TLC

Clarity Refractive Services is proud to announce the addition of the AcuTarget HD Analyzer by AcuFocus. This technology provides a new and very important metric in our ability to evaluate visual function, diagnose the source of visual complaints and prognosticate refractive surgery outcomes. The AcuTarget HD offers a broad range of functionality by combining five diagnostic tools into one state-of-the-art instrument.

The HD Analyzer objectively measures and quantifies the amount of light passing through the tear film, cornea and crystalline lens and provides an OSI (Optical Scatter Index) grading allowing an understanding of how much light scatter exists in the eye. This information allows for a real time understanding of the quality of the image projected onto the retina.

Beyond the macroscopic measurement of the eye’s WaveScan, it allows for the understanding of the real quality of visual image produced by the focused eye. For the first time, clinicians are able to understand how much light transmission is lost by the phenomenon of light scatter in the optical system and in turn gaining a true understanding of patients’ visual function.

The AcuTarget has become a routine part of Clarity’s refractive surgery screening process. The technology translates the OSI into a prediction of visual acuity potential and helps to delineate and explain factors that might influence post-operative visual outcomes. The HD Analyzer can also assess tear film quality and stability as well as provide for objective assessment of pre- and post-operative accommodative range and predicted post-operative depth of focus.

The AcuTarget has the ability to provide practices with new objective data when implementing corneal inlay technology for presbyopia correction. The HD analyzer supports proper patient selection, KAMRA Inlay centration as well as post-op patient management.

In summary, this next generation device enhances our surgical outcomes and improves the patient experience while providing the following:

- Objective assessment of visual quality
- Tear-film quality over time and resulting visual impact
- Pseudo accommodation measurement with visual demonstration of pre- and post-op depth-of-focus
- KAMRA Inlay position guidance
- Assessment of target versus achieved inlay placement
- Enhance patient understanding and commitment to post-op care

For further information about laser vision correction or the new KAMRA Inlay please call our office (973) 325-3475. We thank you for your continued support.
**Continuing Education Offerings 2015/2016**

**New York Office**  
7:30 am to 9:30 am  
| September 11 | January 8 | May 6  
| October 2    | February 5 | June 3  
| November 6   | March 4    |       
| December 4   | April 1    |       

**New Jersey, Rochelle Park**  
7:30 am to 9:30 am, Breakfast CE  
| October 16   | January 15 | April 8  
| November 20  | February 5 | May 6   
| December 11  | March 4    | June 10 

**New Jersey, other locations**  
6:00 pm to 8:00 pm, Dinner CE  
| Allison LaFata, OD – October 28, West Orange  
| George Veliky, OD – November 4, Iselin  
| Nazreen Esack, OD – November 18, Parsippany  
| Nazreen Esack, OD – February 16, Parsippany  
| George Veliky, OD – March 23, Iselin  
| Allison LaFata, OD – April 13, West Orange |

Additional Clarity/TLC CE events will be announced.

---

**OMNI OFFICES**

**ISELIN**  
485 Route 1 South, Bldg. A  
Iselin, New Jersey 08830  
(732) 750-0400 phone • (732) 602-0749 fax  
George W. Veliky, O.D.  
Center Director

**ROCHELLE PARK**  
218 Route 17 North  
Rochelle Park, NJ 07662  
(201) 368-2444 phone • (201) 368-0254 fax  
Michael Veliky, O.D.  
Center Director

**PARSIPPANY**  
2200 Rte. 10 West, Suite 102  
Parsippany, NJ 07054  
(973) 538-7400 phone • (973) 538-3007 fax  
Nazreen Esack, O.D.  
Center Director

**WEST ORANGE**  
475 Prospect Avenue  
West Orange, NJ 07052  
(973) 325-6734 phone • (973) 325-6738 fax  
Allison LaFata, O.D.  
Center Director

**NEW YORK**  
20 East 46th Street, Penthouse  
New York, NY 10017  
(212) 353-0030 phone • (212) 353-0083 fax  
Katherine M. Mastrota, M.S., O.D., F.A.A.O.  
Center Director

**CLARITY/TLC**  
475 Prospect Avenue  
West Orange, NJ 07052  
(973) 325-3475 phone • (973) 325-3478 fax  
Shanda Ross, O.D.  
Center Director