



**Eye Associates of Boca Raton, P.A.**  
950 N.W. 13th Street • Boca Raton, Florida 33486

*Treatment For Your Eyes, Care For You*  
*Specialized, comprehensive eye care right here, in Boca Raton.*

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Practice Limited to Cataract & Lens Replacement Surgery  
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Cataract & Refractive Surgery

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## MULTIFOCAL INTRAOCULAR LENS IMPLANTS WITH CATARACT SURGERY - A clearer understanding

Modern cataract surgery is considerably different than a decade ago. In the past, there was only one decision to be made. To proceed or not to proceed with cataract surgery. A mono-focal intraocular lens implant (I.O.L.) was the only option. Today there are mono-focal, astigmatic correcting and multifocal I.O.L.'s, the latter two often referred to as "premium I.O.L.'s." Each patient facing cataract surgery will be evaluated for and a decision made between the surgeon and the patient as to which option is best for them. Always remember that the primary reason for removing a cataract is to get rid of the cloudy lens of the eye to improve vision, not to reduce your need for glasses. That said, cataract surgeons do want to reduce your need for glasses as much as possible as well.

How you use your eyes and how important it is to you to be less dependent upon eyeglasses is an important factor for you to consider. If you are an active individual who is

always on the go and would prefer to be able to do most things without the need of eyeglasses, the multifocal I.O.L. is a good option. Providing what we refer to as "social vision," these implants will usually allow patients to perform such tasks as reading the newspaper or a play book, shopping, driving or to watch a movie without needing eyeglasses. Sports such as golf and tennis are often played without the need of prescription eyeglasses with the multifocal I.O.L.. Reading fine print or driving may require the assistance of eyeglasses to achieve maximum comfort. The reason for this is that some quality of vision is ultimately sacrificed at near, intermediate and distance in order to produce functional vision at all three with a single I.O.L. without wearing eyeglasses. So, if you are a person who is critical of your vision at all distances, the multifocal option is probably not for you.

Toric IOL's are used for the correction of corneal astigmatism to produce clearer vision at distance but will not provide functional vision at near or intermediate distances. Eyeglasses are needed for near and intermediate distances with this option.

The mono-focal I.O.L. is used to correct vision at a single distance. They are usually set at either distance, often allowing for driving without eyeglasses or, near allowing for reading without eyeglasses. Mono-vision is an interesting option for some patients. Using a

mono-focal I.O.L. in one eye set for distance and a mono-focal I.O.L. in the other allowing for reading of some larger print without eyeglasses.

Another factor to consider is, of course, out-of-pocket cost. All modern cataract surgery has some out-of-pocket cost associated with the procedure. Out-of-pocket costs are those procedures that are not covered by Medicare or other insurance carriers and that pass through directly to the patient. These costs vary depending upon the choice of I.O.L., with the lowest out-of-pocket cost being the monofocal I.O.L. The toric I.O.L. for the correction of corneal astigmatism would carry the next highest out-of-pocket costs, with the multifocal I.O.L. having the highest cost.

As you can see, there are several things to consider when faced with modern cataract surgery. The two important factors to be considered are which I.O.L. option and if a toric or multifocal I.O.L. is an option, are the out-of-pocket costs associated with them affordable to you. Our staff and your physician will help to educate you on which options are right for you. Our surgical coordinators will advise you of the costs associated with your options and also some financing options that are available to you. Our mission is to provide both a clearer understanding of modern cataract surgery and clearer vision following the procedure for however you use your eyes.

### INSIDE THIS ISSUE

*Retina News*  
*Have You Heard?*  
*Eye Associates Gives Back*  
*Contact Lenses*  
*Eye Associates Re-opens*  
*Optical Dispensary*

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and  
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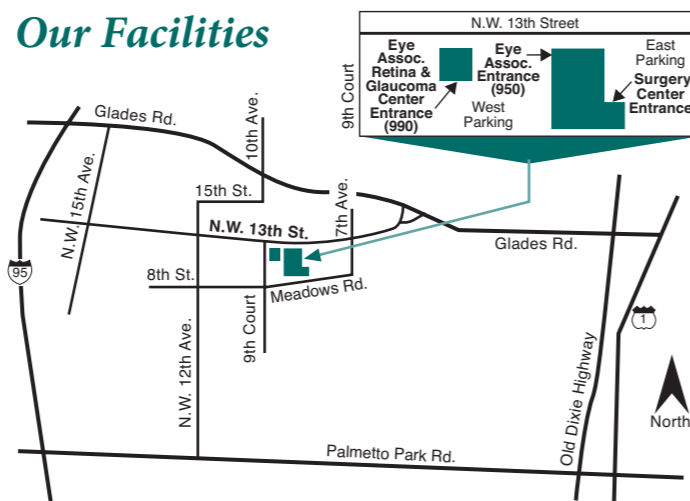
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WEINER, KOHL & SEGAL**

for being selected  
as one of America's  
Top Doctors for 2017!

### Our Facilities



# RETINA NEWS

## DRY AGE RELATED MACULAR DEGENERATION (DRY ARMD):



ERNESTO SEGAL, M.D.

Many patients have expressed their frustration with hearing only about treatments for WET ARMD and not for DRY ARMD. Unfortunately at the present time we do not have an FDA approved drug specifically for the treatment of dry ARMD. The good news is there are many active clinical trials at varying stages throughout the world at the present time.

Several of these trials are focused on gene-therapy and modifying genetic mutations that predispose for this disease and stem-cell therapy to replace damaged retina cells with healthy cells. They are also working on implantable electronic micro-chips in the macula that can act as retina cells to sense and transmit light impulses through the optic nerve to the visual areas of the brain. The Argus II microchip recently received FDA approval for its use in the United States and there are currently higher resolution chips undergoing development in Israel. Neurotrophic drugs that can stimulate the growth of retina-like cells to replace damaged cells are also actively

undergoing clinical trials. Even though it will take several more years of research to have an effective treatment for this disease, our hopes are high going into the future for patients suffering with dry ARMD.

In the meantime we are proactively concentrating on prevention. We advise our patients with moderate to advanced ARMD and who have no conflicting contraindications, to take Preservision AREDS-2 formula. Preservision AREDS-2 is the only formula formally tested in clinical trial by the National Institute of Health (NIH) and proven to slow the progression of Dry ARMD. We also advise our patients to follow up with the traditional AMSLER GRID home test and notify their doctor if there are any significant changes to the grid. Because the dry form of ARMD can transform into the more treatable wet ARMD, we now have an instrument available for home use that can potentially detect this transformation it early stages even before the patient becomes symptomatic. In 2016 the FDA approved its use and for some patients, most of its cost is covered by Medicare and some other health insurance programs. To find out if you are a qualified candidate for the use of this instrument, please ask Dr. Segal at your next appointment with him.

*For nearly 10 years now, Dr. Segal has made trips to Asuncion-Paraguay to participate in various academic activities to include presenting lectures to ophthalmology residents and also treating indigent patients at the Asuncion National University (UNA) and Fundacion Vision. In November of 2016, Dr. Segal was honored to receive two prestigious awards to include Honorary Member of The Paraguayan Society of Ophthalmology and Honorary Member of the Paraguayan Retina and Vitreous Society.*

## NOW HEAR THIS!

Eye Associates of Boca Raton is excited to announce the arrival of Royal Palm Hearing Aid Center into our practice. Royal Palm Hearing Aid Center with its Audiologist and Hearing Aid Specialists is one of the longest standing family owned hearing aid centers in Boca Raton.

Royal Palm Hearing Aid Center offers hearing aids from all six major manufacturers to include the most basic and universal models to top of the line units. Despite your level of hearing they are extremely confident in their ability to meet your hearing needs. 12 month no interest financing is also available to assist with your purchase of new hearing aids. Additionally, Royal Palm Hearing Center always offers **FREE "Clean and Check"** service for anyone who

is currently using hearing aids to ensure they are performing at their best for you.

Royal Palm Hearing Aid Center will continue to service the patients of Eye Associates in addition to welcoming new patients. Comprehensive hearing testing is offered by Royal Palm Hearing Aid Center at no charge. As a "get acquainted" special offer, Royal Palm Hearing Center invites you to stop in to meet them. Show them a copy of this newsletter and they will give you a complimentary pack of hearing aid batteries at no charge!

Hearing and vision work together as two of our most important senses. Our mission is to work together to ensure that we keep your hearing and vision at their best!

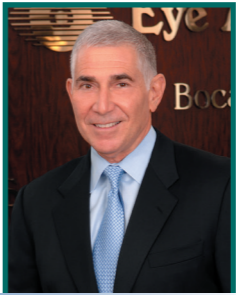
# EYE ASSOCIATES GIVES BACK

Every year just before Thanksgiving, the surgeons of Eye Associates of Boca Raton join forces with our outpatient surgery center and some area physicians to provide a day of free eye surgery to the less fortunate people of our community. These patients could not otherwise afford to have needed surgery.

On November 21, 2016 over 20 operations were performed at our Gift of Sight program. A decade ago Eye Associates of Boca Raton teamed up with the Caridad Clinic in Boynton Beach as a means of identifying those in need as candidates for the program. Over the years our partnership has been very successful in restoring and preserving the vision of patients who were unable to work. Not only did the surgery allow a return to work, but imagine the joy of seeing loved ones clearly again.

This year's participants were Howard Goldman, M.D. (Eye Associates Cataract Surgeon and program founder), Douglas Kohl, M.D. (Eye Associates Cataract & Glaucoma Surgeon and program director), Matthew Weiss, M.D. (Eye Associates Cataract and Cornea Surgeon), Steve Kiffel, M.D. (Outpatient Surgery Center of Boca Anesthesiologist), Michelle Dresner, M.D. (Outpatient Surgery Center of Boca Anesthesiologist), Edgar Caceres, MD and Tatiana Lee Chee, DO (surgeons affiliated with the surgery center).

A special thanks to all for donating their time and skills to such a worthy cause. We all look forward to this year's Gift of Sight!



Howard B. Goldman, M.D.  
Program Founder



Douglas Kohl, M.D.  
Program Director



Matthew Weiss, M.D.  
Eye Associates Surgeon

## DAILY DISPOSABLE CONTACT LENSES – A Real Home Run!

With today's contact lens materials nearly everyone is a candidate for successfully wearing them as an alternative to eyeglasses. With significantly higher water content and oxygen permeability, even patients who have failed in their attempts to wear contact lenses in the past are now successfully wearing and enjoying their freedom from eyeglasses with contact lenses.

Frequent replacement soft lenses are available in toric design for correction of astigmatism and also in bifocals! Even patients who have successfully worn soft contact lens for years have discovered the increased comfort of today's materials. Some who have simply tolerated minor irritation with their soft lenses have found total relief from their discomfort and increased their wearing time after being refit with new materials.

The introduction of daily disposable contact lenses has put contact lens wearing over the top in terms of success with their fitting and their comfort while significantly reducing and nearly eliminating the possibility of contact lens born eye infections and corneal abrasions. Daily disposables also eliminate the need for contact lens solutions to clean and store lenses overnight.

Daily wear contact lenses have been a real "home run" in contact lens wearing. Call us today to schedule an appointment to see if you are a candidate for these wonderful contact lenses. Chances are that you are in fact a candidate!



## EYE ASSOCIATES RE-OPENS OPTICAL DISPENSARY – Out with the old and in with the new!

Eye Associates is proud to announce the re-opening of our optical dispensary in 2016. We are excited about the complete change-over in our frame inventory to include frame brands such as Lindberg, Tiffany, iGreens and much more. We invite you to stop in to browse our exciting new frame designs and to have fun designing your own completely personalized pair of iGreens today. For the month of March only, free single vision lenses are included with your purchase!