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July 2016

South Palm Beach Edition - Monthly

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A New ALZHEIMER'S CLINICAL STUDY Opportunity Right Here In Palm Beach

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LAW OFFICE OF ANDREW CURTIS, ESQ

- LLM in Taxation New York University Law School 1986
- JD Georgetown University Law School 1983
- MBA University of Michigan 1978
- BS Cornell University 1977

Andrew Curtis is an attorney whose practice concentrates in the areas of trusts, estates, and elder law. He is a graduate of some of the top universities in the country. He devotes his time to estate planning for the middle class, charging moderate fees, and then getting referrals from happy clients.

Revocable Living Trust

ATTENTION SENIORS:

- Why Forbes Magazine says that the middle class may need living trusts
- Why a will may not avoid probate
- How a living trust may avoid probate
- Why you may have probate in more than one state if you own out-of-state real property
- How a trust may protect your child's inheritance from divorce
- How a trust may protect your child's inheritance from sons-in-law and daughters-in-law

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A New Alzheimer's Clinical Study Opportunity Right Here In Palm Beach

By Dr. Laszlo Mate



The MINDSET study is a phase 3 clinical research study evaluating a new investigational treatment for mild-to-moderate Alzheimer's disease.

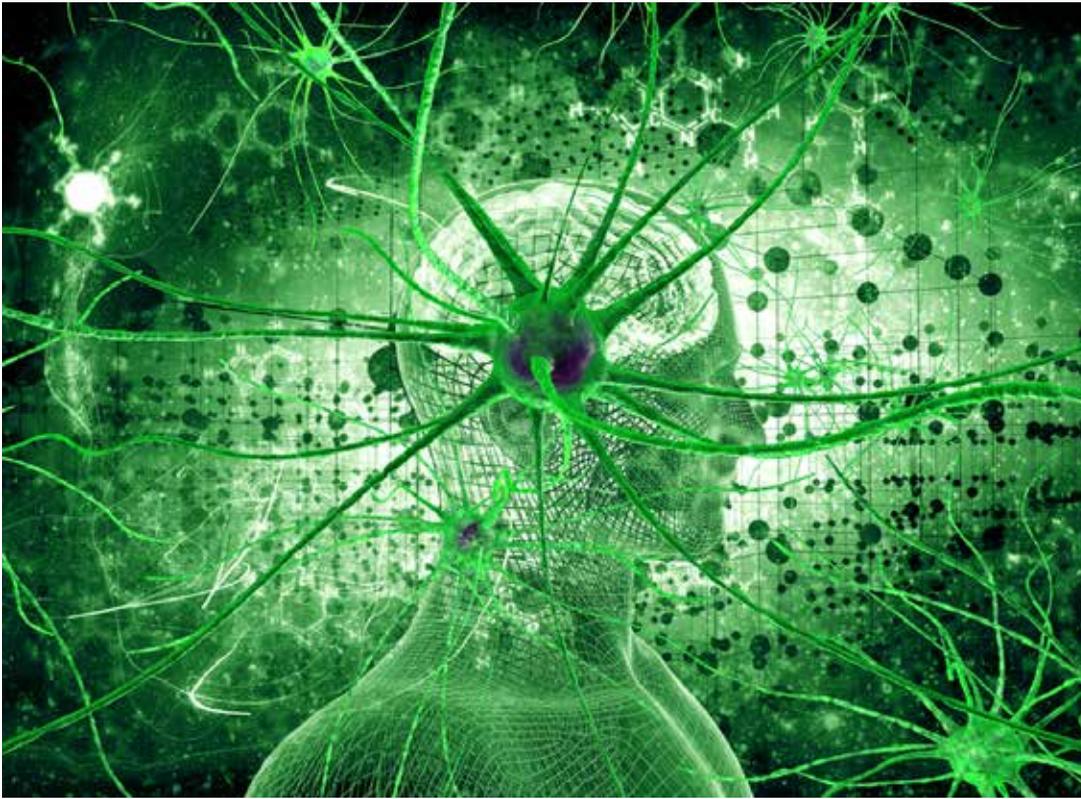
This study drug, known as RVT-101, is being studied as an add-on therapy to donepezil (sometimes known as Aricept®), the most widely used medicine to treat Alzheimer's disease today. In a previous 684-patient clinical study, the combination of RVT-101 and donepezil provided patients with statistically significant benefits in cognition and ability to perform daily living activities, as compared to donepezil alone.

The MINDSET study is designed to confirm these results and could be the final study required for the FDA approval of RVT-101.

The study involves approximately 170 expert physicians at clinics around the world, referred to as research "investigators." I am pleased to be one of these investigators, and will be seeing patients for the study at my clinic right here in Palm Beach.

ABOUT RVT-101, A POTENTIAL TREATMENT FOR MILD-TO-MODERATE ALZHEIMER'S DISEASE

RVT-101 works by raising levels of acetylcholine, a vital chemical in the brain that is believed to help with cognition and performing daily living activities. RVT-101 works by rais-



Participating in clinical studies allows dementia patients and caregivers to contribute to the development of new treatments and access potential treatments that are only available through study participation. The MINDSET study is evaluating an important potential oral treatment, and I encourage patients and caregivers to learn more.

ing levels of acetylcholine directly, similar to turning up a faucet. Donepezil also increases acetylcholine, but does so indirectly by preventing acetylcholine from being cleared from the brain, similar to blocking a drain. In combination, RVT-101 and donepezil work together to increase acetylcholine by both turning up the faucet and blocking the drain.

RVT-101 only increases acetylcholine in the brain (not the rest of the body), so researchers believe drug the drug avoids some of the unwanted side effects associated with donepezil. RVT-101 has already been studied in 13 clinical trials and administered in over 1,250 individuals, and showed a favorable safety and tolerability profile in those studies.

RVT-101 is administered as a once-daily, oral therapy without the need for PET imaging, MRI monitoring or IV infusions.

WHAT IS INVOLVED IN STUDY PARTICIPATION

The MINDSET program will consist of a 6-month double-blind study, in which patients will have a 50-50 chance of receiving RVT-101 or placebo. "Double-blind" means that neither the

patient nor the investigator knows whether the patient is receiving RVT-101 or placebo. All patients who complete the double-blind study will be eligible to enroll in a 12-month open-label extension study in which all patients will receive RVT-101.

Study participants will receive the study medication, study-related medical care, and study-provided donepezil at no cost to them. Transportation to and from study visits can be provided or reimbursed. Compensation for study-related time may also be available. Insurance is not required to participate.



WHO IS ELIGIBLE

Individuals between the ages of 50 and 85 who are suffering from Alzheimer's disease or memory loss and taking the medication donepezil (often known as Aricept®) may be eligible to participate.

If you or a loved one might be interested in participating in the MINDSET study, please call the practice of Dr. Laszlo Mate at **561-626-5551**

Editor's Note: Dr. Laszlo Mate, a neurologist in Palm Beach who specializes in the treatment of Alzheimer's disease and dementia, recently began enrolling patients in a clinical study evaluating a potential new treatment for mild-to-moderate Alzheimer's disease. We invited Dr. Mate to share more information about this study, called MINDSET. If you or a loved one might be interested in participating, please call Dr. Mate's office at **561-626-5551**.

All About Today's Hearing Aids



Technology and consumer electronics are transforming people's lives, adding ease and enjoyment to daily living. The same is true for hearing aid technology.

In the past few years, research and development have enabled a technological transformation in the hearing aid marketplace. These advances in hearing aids are making a significant difference in the lives of millions.

Today's state-of-the-art hearing aids are highly effective, sleek, and sophisticated wearable electronics that can help people stay actively connected to life and to those they love.

Many of today's hearing aids allow users to hear from all directions, in all sorts of sound environments, and even underwater. They are digital, wireless, can connect directly to your smartphone or television, and can be as discreet or as visible as you like. Whether they sit discreetly inside the ear canal, or wrap aesthetically around the contour of the outer ear like the latest fashion accessory, today's high-performance hearing aids amplify life.

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Below are six little-known facts about today's modern hearing aids:

They're virtually invisible. Many of today's hearing aids sit discreetly and comfortably inside your ear canal, providing both natural sound quality, and discreet and easy use.

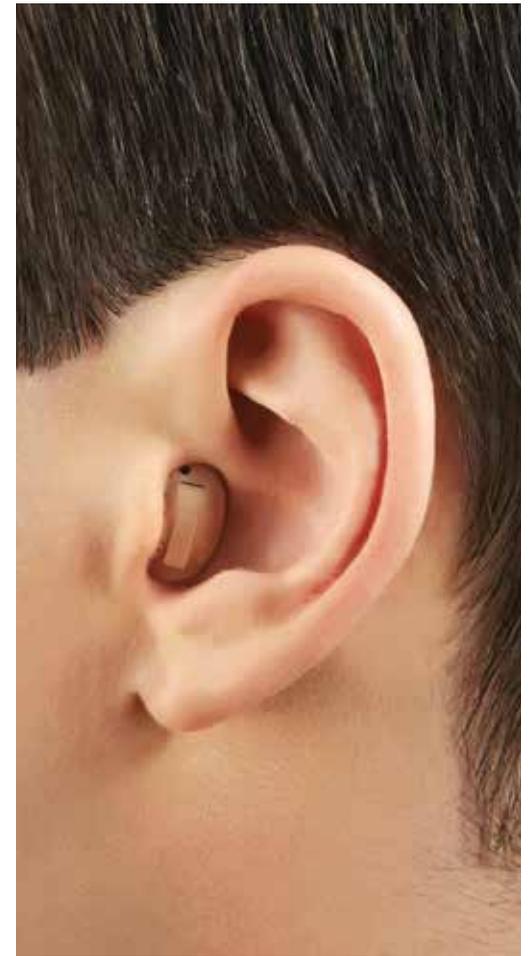
They automatically adjust to all kinds of soundscapes. Whether you're after the ability to discern comments at an all-staff meeting, easy conversation in a crowded restaurant, or the chirp of crickets on a late summer's evening, recent technological advances have made hearing aids far more versatile than ever before—and in a broad range of sound environments.

There is something for just about everyone. Today's hearing aid options are amazingly varied. Designers offer styles for the fashion conscious, the trendsetter, the partygoer, the intellectual, the active sports enthusiast, the cautious grandmother, the romantic, the weekend warrior, and even the guy just tired of turning up the volume on the TV.

Water, sweat, and dust are no problem while wearing them. Waterproof, digital hearing aids have arrived. This new feature is built into some newly designed hearing aids for those concerned about water, humidity, and dust. This feature suits people who work in demanding environments, as well as those with active lifestyles—like swimmers, skiers, and sports enthusiasts.

They love smartphones, computers, and other prized electronics. Wireless, digital hearing aids are now the norm. That means seamless connectivity—from smartphones, MP3 players, computers, FM systems, televisions, and other beloved high-tech gadgets—directly into your hearing aid(s), at volumes just right for you.

They're always at the ready. A new rechargeable feature on some newly designed hearing aids allows you to recharge your hearing aids every night, so they're ready, ramped up, and waiting for you in the morning. There's no more fumbling with small batteries. Just place the hearing aids into the charger at night, and in the morning, they're ready to go.



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3 THINGS to Know About Robotic Hair Transplants

By Alan J. Bauman, M.D.

WOULD YOU TRUST YOUR HAIRLINE TO A ROBOT?

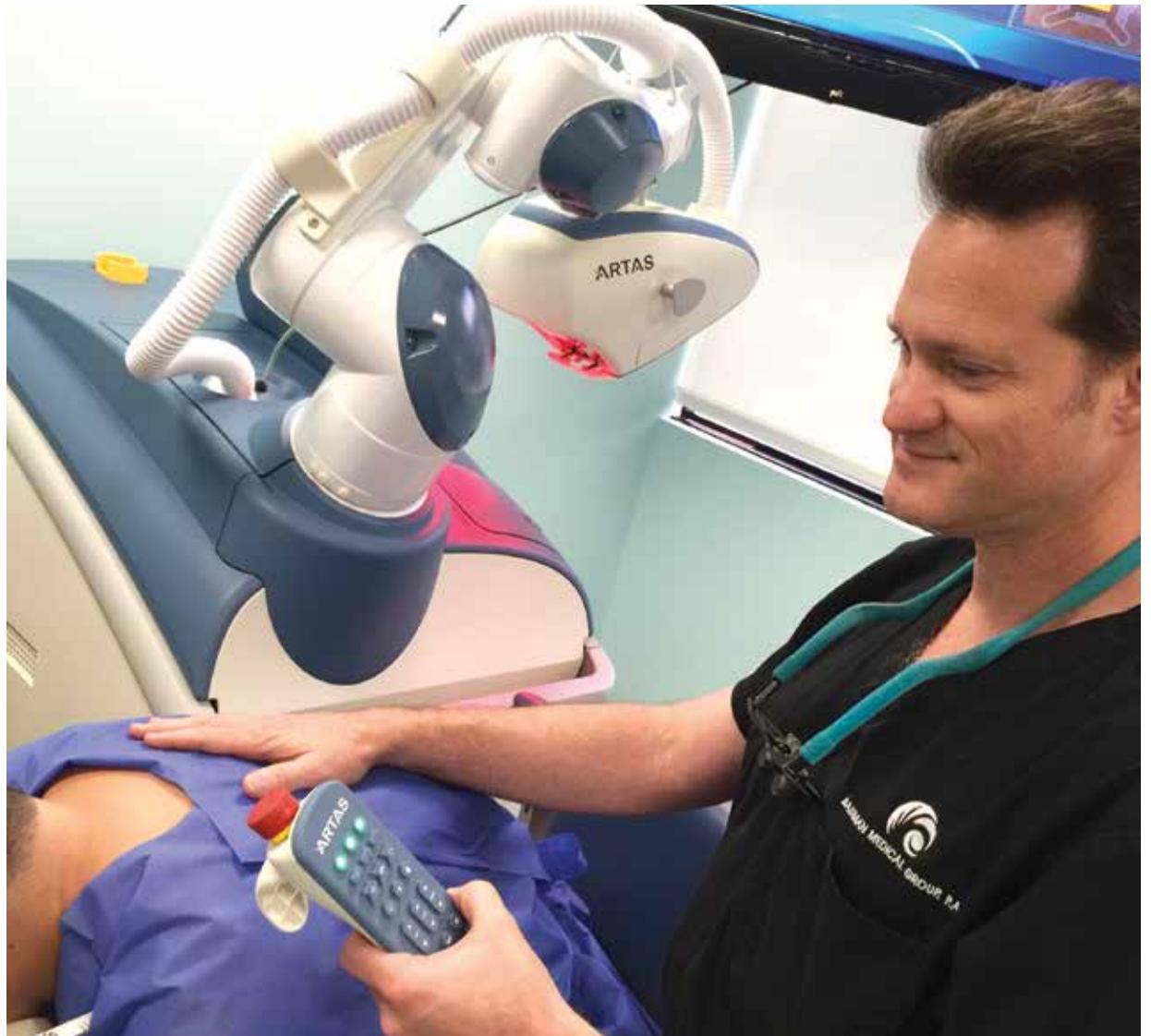
Nearly every facet of our lives is dominated by technology, so it shouldn't be surprising that robotic surgeries are increasing by 25 percent annually. Today, robotic surgeries are becoming common operating procedure for a growing number of surgeries, including hysterectomy, prostatectomy, and even cardiac valve replacement.

And now, they are even being used to help hair loss sufferers regrow their hair.

The FDA-approved ARTAS robotic-assisted hair transplantation is the latest advancement in the field of minimally-invasive surgical hair restoration—the Follicular Unit Extraction or FUE technique of hair follicle harvesting. FUE is the advanced technique which leaves no linear scar and has a quicker, more comfortable recovery than traditional “strip” harvest procedures. With the assistance of a high-tech robotic system, experienced hair transplant surgeons are now able to perform FUE procedures with more precision, control and efficiency with better outcomes for patients than ever before.

Currently there are just a small number of clinics offering robotic transplants, but that number is expected to grow rapidly as more consumers continue to opt for less-invasive transplant procedures. But if you are still a bit unsettled by the image of a robotic arm performing such a delicate surgery, here are 3 things to know about robotic-assisted hair transplants:

- They are not performed by robots. This is an important distinction to make for potential patients who conjure up images of an actual robot, rather than a surgeon, performing surgery. The reality is, the robot device is simply an extension of the operator. Which means, its effectiveness is tied directly to the expertise of the surgeon. A skilled surgeon is still essential for a successful transplant, because regardless of how the hair follicles are harvested, the



critical step for naturalness is the artistry of the surgeon involved. Patients should never choose a hair transplant surgeon solely based on which equipment or technology they use, because even more important is their artistic ability and experience performing procedures.

- Improved accuracy and precision, increased speed. Patients and physician are drawn to robotic-assisted transplants for a variety of reasons; one of the biggest is improved accuracy and precision of the graft-harvesting process. Using specifications

and parameters set by the surgeon and guided by an optical guidance system, the robot identifies and helps extract hair follicles from the patient's donor area for transplantation. The robot's optical guidance system works at 60 times per second to identify, measure and characterize available hair follicles for harvesting. Robotic FUE harvesting of grafts is performed hundreds to thousands of times during each hair transplant procedure session with a consistency of speed and accuracy that would be difficult to duplicate with the human hand.



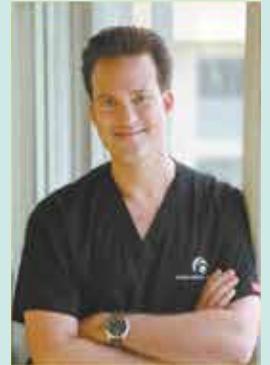
• **3D Preview of Results.** One of the main challenges for a hair transplant surgeon is communicating and managing patient expectations. Robotic-assisted transplants have combatted this with interactive software, called the ARTAS Hair Studio, that allows the surgeon to create a digital 3D preview image for patients, which helps portray for patients what they can expect, to ensure that they have realistic expectations going into surgery. This customized design is an incredibly useful tool for physicians during the consultation process, as it can help identify exactly how many grafts a specific patient will need to achieve their desired results. The combination of artistry and technology means patients are getting the 'best of both worlds,' and the end result is hairlines that look incredibly natural and not transplanted. Once the plan is created, and both the physician and patient have signed off, the 3D image can be delivered to the robot for recipient site making. This imaging helps create an optimal site distribution that avoids damaging existing healthy hair.

Unfortunately, there has been a downside to the growing demand for hair transplants; it has caused some unqualified doctors to begin offering them to patients, which has led to an increase in post-op complications, and unsuccessful transplants with unnatural looking results. This is why patients should always look for physicians who are board-certified in hair restoration, recommended by the American Hair Loss Association and accepted by the International Alliance of Hair Restoration Surgeons. Due to the limited number of board-certified hair restoration physicians worldwide, prospective patients should be prepared to travel and or consult long-distance when considering robotic-assisted hair transplant surgery.

Are you a candidate for ARTAS Robotic-Assisted FUE hair transplantation? For more information on the ARTAS Robotic-Assisted FUE Hair Transplant, visit baumanmedical.com and search key word ARTAS ROBOT. To learn more about Dr. Bauman, and Bauman Medical, visit www.baumanmedical.com or call **1-877-BAUMAN-9** or **561-394-0024**.

About Dr. Alan J. Bauman, M.D.

Dr. Alan J. Bauman is the Founder and Medical Director of Bauman Medical Group in Boca Raton, Florida. Since 1997, he has treated nearly 15,000 hair loss patients and performed nearly 7,000 hair transplant procedures. An international



Alan J. Bauman, M.D.
Hair Loss Expert

lecturer and frequent faculty member of major medical conferences, Dr. Bauman's work has been featured in prestigious media outlets such as The Doctors Show, CNN, NBC Today, ABC Good Morning America, CBS Early Show, Men's Health, The New York Times, Women's Health, The Wall Street Journal, Newsweek, Dateline NBC, FOX News, MSNBC, Vogue, Allure, Harpers Bazaar and more. A minimally-invasive hair transplant pioneer, in 2008 Dr. Bauman became the first ABHRS-certified Hair Restoration Physician to routinely use NeoGraft FUE for hair transplant procedures.

Hair Loss Study Candidates Needed!

Bauman Medical is currently enrolling qualified candidates for exciting Hair Loss Studies.

Please visit www.844GETHAIR.COM for more details.

Key Benefits of ARTAS Robotic-Assisted FUE Hair Transplants

- Increased accuracy of FUE graft harvesting for excellent quality grafts
- Reduced harvesting time so grafts can be reimplanted quickly, improving the quality of growth from the transplant
- Computerized selection of FUE grafts to maximize hair yield and minimize donor area usage
- More accurate and efficient harvesting of grafts from the sides of the scalp where manual harvesting is typically more challenging
- Increased speed and accuracy in creating recipient sites



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Are There Any **New Technologies For Fat Reduction?**

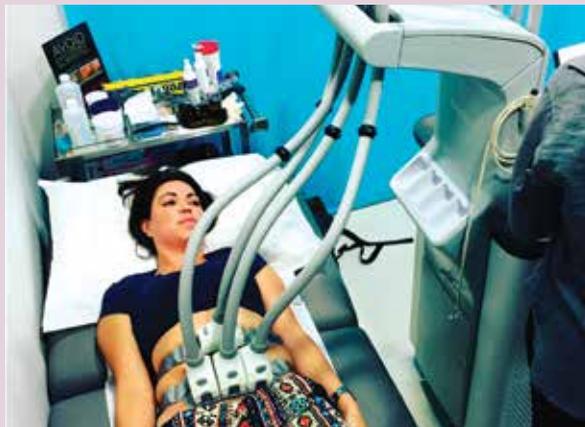


It is interesting to watch technology as it continues to evolve. Many of my patients are up to date with what is trending in aesthetic technology. There is a new exciting technology that melts and tightens skin simultaneously without downtime.

COOLSCULPTING® has been a good fat reduction treatment for many of my patients. It is a way to non-invasively destroy fat cells by freezing fat, however it takes about 1 hour per area and depending on the patient, it could take up to 4 to 6 hours in one day! Also, the cost of CoolSculpting® is pretty much equivalent to liposuction.

A newer technology has just been FDA approved for the same application of destroying fat cells non-invasively, but it uses heat. It's called SculpSure™ by Cynosure®. SculpSure™ is a laser device that uses a 1060 nm wavelength to target fat cells and destroy them without any incisions.

Unlike CoolSculpting®, SculpSure™ takes less time, the treatment areas are much larger and there is no downtime. One treatment takes only 25 minutes and there have been no reported side effects.



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SculpSure™ is a breakthrough non-invasive body contouring treatment for fat that has been unresponsive to diet and exercise.

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- **Customized treatment sessions to achieve the look you want**

The treatments applicators are placed on the skin and a balance of laser wavelength with cold is projected to the fat layer, making it hot enough to achieve the right temperatures to destroy fat cells, but cold enough to be comfortable. The destroyed cells are disposed of by the body's lymphatic system.

The results are seen in 6-8 weeks and most people require just 1 treatment. Another major advantage and game changer is the skin tightening effects of this laser.

So in summary, SculpSure™ is less expensive, takes less time and tightens skin very effectively. I'm very excited and happy to share this information!



Medical Director, Daniela Dadurian M.D.

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MD Beauty Labs at The Whitney in West Palm Beach was established by Dr. Daniela Dadurian. Board Certified in Anti-aging Medicine, she's well trained to offer proven and effective cosmetic and wellness services. MDBL's state-of-the-art facility offers Medical, Aesthetics, Body Contouring & Spa Treatments in a luxurious, contemporary loft environment. With Dr. Dadurian's team of Nurses, Medical Estheticians, Massage Therapists, Permanent Makeup Specialists and Medical Spa Concierge, MD Beauty Labs is dedicated to providing the best in restoring and revitalizing experiences.

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Owner and inventor Heather Baruch says, "I love how rewarding it is to know how these products have changed people's lives. All of my love, wisdom, time and education has been infused into every recipe. When I began making products, I wanted to use ingredients I could trust on my body and my family, because I couldn't find pure ingredients in any of the health food stores. Creating recipes for our product line that are truly natural, non-toxic, chemical-free, fragrance oil free, non-GMO, gluten-free, organic and without any animal testing was imperative to me."

Reviews around the web are raving about this new product line that includes beauty products, facial and anti-aging products, sunscreens and insect repellents to name a few.

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Senior Information Centers

Helps Seniors **PRESERVE AND PROTECT ASSETS**

By Linda Leatherbury

Developing a comprehensive plan for financial preservation is essential to help seniors avoid costly mistakes and prevent financial devastation.

Senior Information Centers, an umbrella network of licensed Florida professionals, provides comprehensive estate planning services that help seniors preserve and protect their assets. The company, with offices in Boca Raton, Sarasota and Ocala, serves seniors and their families throughout Florida.

“It’s never too late or too early for seniors to plan for protecting their assets,” said Stephen D. Wolfe, Elder Planning Specialist and Certified Senior Advisor, who founded Senior Information Centers in 2001 along with his business partner Bryan Plonsky. “They should educate themselves so they can understand their options. Many seniors may mistakenly believe that planning is very expensive, but Senior Information Centers provides an affordable way for them to preserve their valuable assets.”

The company brings together a team of experts including elder care attorneys, Medicaid and Veteran’s Administration (VA) specialists, paralegals, certified financial planners and accountants who provide a wealth of information and help seniors and their families develop comprehensive plans for asset preservation. They provide services in four major areas of concern to seniors: legal, illness, taxes and investments.

Legal services include the development of tools such as a Living Will, Durable Power of Attorney, Healthcare Surrogate Designation or HealthCare Power of Attorney (which are only \$33 each) and Deeds and Trusts.

Services related to illness help seniors reposition their estates properly to preserve assets and help them qualify for government benefits, whether for home care, assisted living facilities or nursing homes.

Tax advisors review portfolios to eliminate unnecessary taxes on investments and IRAs. While Senior Information Centers professionals are not stockbrokers with securities licenses, they deal with no-risk, tax-deferred secure investments that keep seniors’ assets fixed, guaranteed and insured.



The firm’s target clients are primarily seniors in their 70s, spouses, adult children and other family members. Senior Information Centers markets its services throughout the community to assisted living facilities, nursing homes, caseworkers and hospital discharge managers.

“Sometimes after a medical crisis involving a hospital stay, seniors end up in rehabilitation centers with no plan of attack,” said Wolfe. “Senior Information Centers can show them all their options, rough out a plan and give them hope that assets can be preserved and benefits attained.”

Wolfe noted that the company’s professional’s turn over every rock from “today until death” to make sure an action taken today will not negatively impact their financial future.

“For example, achieving Medicaid qualifications can be a daunting task,” he said. “Giving away assets to children may trigger the five-year look back, which means the senior will not qualify for Medicaid benefits. Veterans also make mistakes with improper planning that makes them ineligible for Medicaid.”

Veterans, their spouses and their widows may be entitled to VA benefits to help offset their out of pocket medical expense. Senior Information Centers helps clients regardless of their level

assets or income. The attorney offers reasonable fees for development of legal documents or planning services. There is no cost or obligation for consultations. Telephone consultations are available for clients’ families who live out of state.

Currently, Senior Information Centers serves 8,000 clients in Florida. Frequently, business comes from word-of-mouth referrals.

“Your involvement with us through the various challenges we faced, which extended even beyond our father’s ultimate passing, was most exemplary and supportive,” wrote a client’s adult children. “We are truly thankful that someone who has a caring attitude, knowledge and resources to help manage elder-care issues is available for families struggling with these emotionally charged issues.”

Stephen and Bryan stress the importance for seniors to have a full, comprehensive plan to preserve and protect their assets – not just piecemeal documents here or there. “In every area, there’s a way seniors can be robbed of their dollars.” “We show them how to protect their assets in every aspect of their life.”

**For additional information about
SENIOR INFORMATION CENTERS,
visit www.seniorinformationcenters.com
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Protect Yourself From the Summer Sun

By Juli Edwards

Summer is here! Who doesn't want to be outside, sunbathing, swimming, playing catch on the beach or just barbequing in the backyard? While summer means fun in the sun, make sure you're not getting too much of a good thing. Avoid consequences of overexposure to the sun like sunburns, premature aging of the skin, wrinkling, and skin cancer, including melanoma by practicing proper sun protection. The hours between 10 a.m. and 4 p.m. daylight savings time (9a.m. to 3 p.m. standard time) are the most hazardous for UV exposure in the continental United States. UV rays are the greatest during the late spring and early summer in North America. CDC recommends easy options for sun protection:



SHADE

- Seek shade, especially during midday hours.
- You can reduce your risk of skin damage and skin cancer by seeking shade under an umbrella, tree, or other shelter before you need relief from the sun. Your best bet to protect your skin is to use sunscreen or wear protective clothing when you're outside—even when you're in the shade.

CLOTHING

- Wear clothing to protect exposed skin.
- Loose-fitting long-sleeved shirts and long pants made from tightly woven fabric offer the best protection from the sun's UV rays. A wet T-shirt offers much less UV protection than a dry one. Darker colors may offer more protection than lighter colors.

- If wearing this type of clothing isn't practical, at least try to wear a T-shirt or a beach cover-up. Keep in mind that a typical T-shirt has an SPF rating lower than 15, so use other types of protection as well.

HATS

- Wear a hat with a wide brim to shade the face, head, ears, and neck.
- For the most protection, wear a hat with a brim all the way around that shades your face, ears, and the back of your neck. A tightly woven fabric, such as canvas, works best to protect your skin from UV rays. Avoid straw hats with holes that let sunlight through. A darker hat may offer more UV protection.



- If you wear a baseball cap, you should also protect your ears and the back of your neck by wearing clothing that covers those areas, using sunscreen with at least SPF 15, or by staying in the shade.

SUNGLASSES

- Sunglasses protect your eyes from UV rays and reduce the risk of cataracts. They also protect the tender skin around your eyes from sun exposure.
- Wear sunglasses that wrap around and block as close to 100% of both UVA and UVB rays as possible.
- Sunglasses that block both UVA and UVB rays offer the best protection. Most sunglasses sold in the United States, regardless of cost, meet this standard.

SUNSCREEN

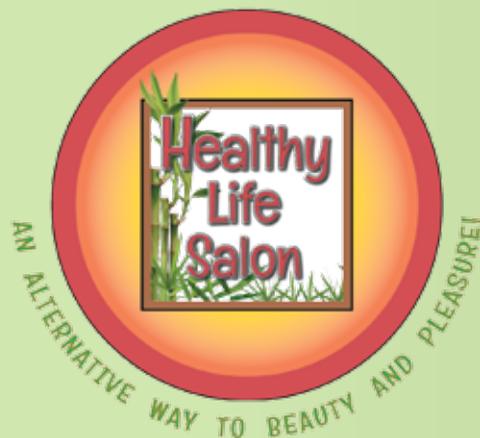
- Use sunscreen with sun protective factor (SPF) 15 or higher, and both UVA and UVB protection.



- Sunscreen wears off. Put it on again if you stay out in the sun for more than two hours and after you swim or do things that make you sweat.
- Check the sunscreen's expiration date. Sunscreen without an expiration date has a shelf life of no more than three years, but its shelf life is shorter if it has been exposed to high temperatures. Be careful with sunscreens – many contain toxic chemicals and additives. At Healthy Life Salon and Organic Wine Bar we offer sunscreen that is certified organic in our All Good line tinted lip balm with an SPF of 18 and their SPF 50 All Good water resistant zinc butter. Apply Nature's Spirit Sunsational lotion, an all natural organic sunscreen made from essential oils, to face and neck before make-up for the best moisture all day.

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FACET JOINT INJECTIONS FOR BACK PAIN



By Aaron Rosenblatt, MD

Neck (cervical), mid back (thoracic) and low back (lumbar) pain are common ailments which can be acute or chronic. This may be debilitating and stop people from their usual activities of daily living. As many do not know, this pain from the spine can easily be treated by a qualified Interventional Pain Management Specialists, like Dr. Aaron Rosenblatt. Aaron Rosenblatt, MD is a double board certified medical specialist whose brand new state-of-the-art facility is located conveniently in the heart of Delray Beach, FL. He has been successfully treating patients in south Florida now for over 10 years. Patients also come from all over the country to see Dr. Rosenblatt due to his expertise in spine pain, joint pain (knee, hip, shoulder, wrist and ankle) and their treatment options. Spine pain from arthritis of the neck, mid back and low back are the most common pain syndrome he sees among his patients and he wants to spread awareness how this issue can be treated.



Facet joint injections link the bones of the spine together in the posterior or back part of the spine. Two facet joints are in the present at each spinal segment. They are named after the spinal bones that they connect. Because there are two joints per level, there is a right and left joint. The facet joints are important in restricting the motion of the cervical and lumbar spine, but they also allow twisting, flexion, and extension motions.

Facet joints are common sources of neck pain and lower back pain and also go under diagnosed and under treated. Trauma and arthritic changes can cause the release of pain generating substances that sensitize nerve endings located in the joint. This is easily treatable.

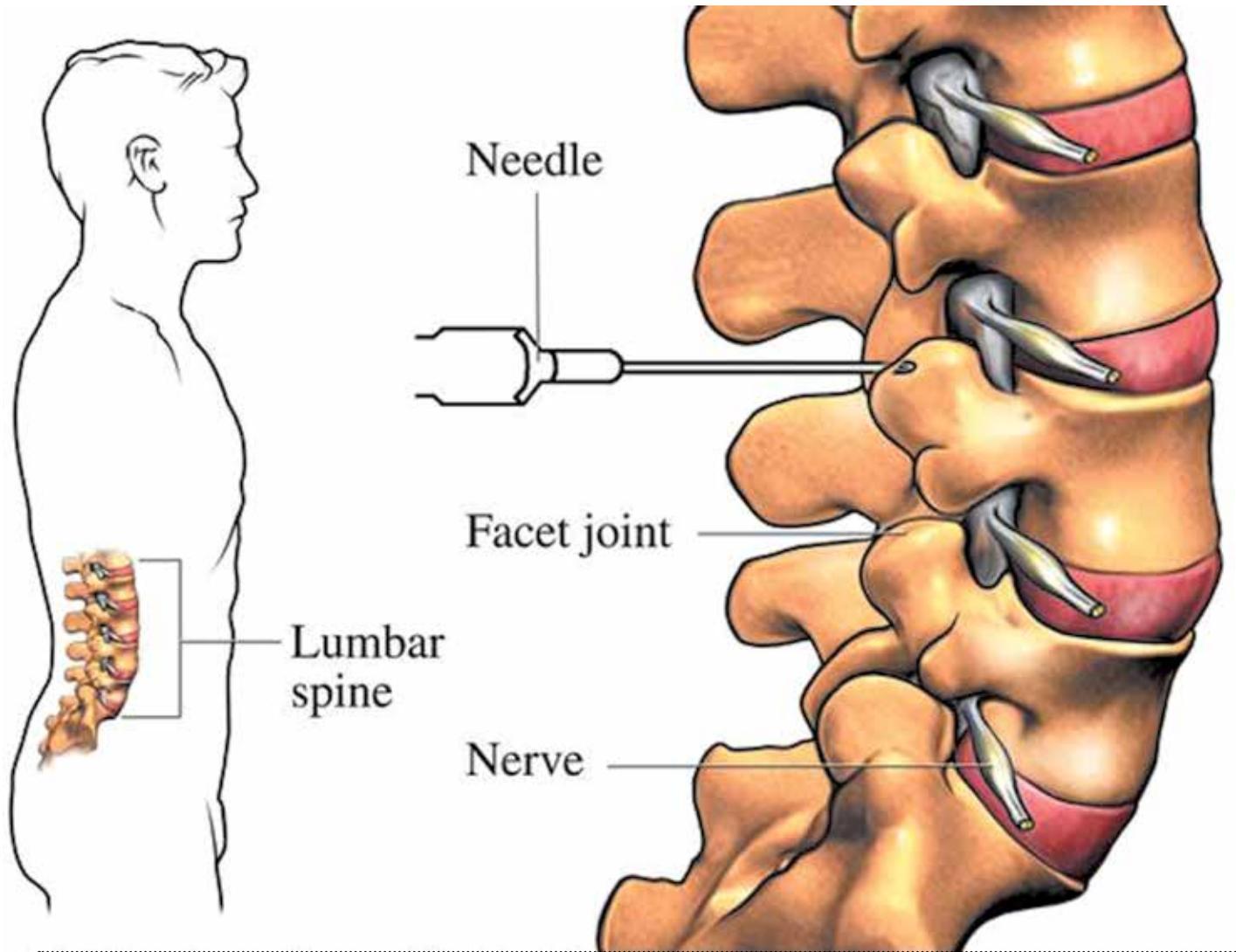
For patients with facet joint pain from the lower back, complaints usually consist of pain or tenderness in the lower back slightly over to one or both sides, pain with lower back extension, pain with twisting, and radiation of pain to the buttocks or back or front of the thighs. Similar symptoms can be found in the mid back and neck with pain, headaches and shoulder discomfort.

A facet joint block involves the injection of a local anesthetic into or next to the joint itself. This is always done under fluoroscopic guidance so Dr. Rosenblatt can see exactly where the medication needs to be placed. A local corticosteroid is commonly administered as well to provide extended relief. This simple procedure, which takes less than 5 minutes to perform, is done to help diagnose where the

pain is generated from and then to also treat the painful condition. Patients normally resume their usual activities immediately after this minimal procedure.

Dr. Rosenblatt explains, "This simple procedure to help people of all adult ages is extremely easy to perform and provide an immense amount of relief." In Dr. Rosenblatt's interventional pain man-

agement clinic in Delray Beach, FL, thousands of individuals have been able to benefit from this technique. Please look forward to more articles about Dr. Aaron Rosenblatt and the vast number of procedures he performs to help people with all types of pain. His main focus is to help individuals avoid surgery, eliminate pain medications and to ultimately feel much better on a daily basis and enjoy life!



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Teeth Whitening Apps: DON'T WASTE YOUR TIME

Written by the doctors at Advanced Dentistry South Florida

Our smile is often the first thing that strangers, pals, and loved ones notice when we meet up. A bright and attractive smile can make a fantastic first impression or put a friend at ease. It's no secret that whiter, brighter teeth are valued in society and seen as a marker for beauty and health. We've been trying to whiten our smiles since at least the time of the ancient Egyptians and ancient Romans. Our modern day procedures are much safer than those used in the past, like the Egyptians using crushed pumice stone.



With the long held desire for whiter teeth and our constantly improving technology, it's no wonder there are a lot of apps that can whiten your teeth in photos. Some do a better job than others but none of them tackle the actual problem. Not only that, but they take time; time you could be spending going out, living your life, and making more memories.

DON'T WASTE YOUR TIME WITH TEETH WHITENING APPS!

Teeth whitening is the number one requested cosmetic procedure in the field of dentistry. Its ubiquity has made it faster, easier, and safer than it once was. And it's more affordable than the process has ever been.

With teeth whitening apps averaging \$6.99 per download, it's no wonder why a lot of people are opting for real whitening procedures. There are a plethora of apps in the app store and google play store that help you "look your best" and cheat at selfies by digitally doctoring your smile and other facial features, but in the long run, they're just a waste of time, proving to everyone you come in contact with that you're one person on camera, but another in real life.

IT'S TIME TO GET REAL!

In the amount of time it could take to load, edit, and post those photos, you could have your teeth whitened for real at Advanced Dentistry South Florida with professional grade quality. Getting your teeth whitened professionally by our experts is easy and takes minimal time out of your busy day.

The simple process of professional grade whitening restores the color of your enamel, lightening your teeth by up to 12 shades or more. And unlike photo editing, professional whitening reveals the bright smile underneath and can have a significant effect on your self-confidence. When the process is so easy and effective, why use an app when you can have the real thing?

Our patients who come to us for whitening services can't wait to show off their new, dazzling white smile. Don't you think it's time you did something real and call Advanced Dentistry South Florida at **561-404-4083**?

Our dental professionals will give you something to smile about, not to mention a better sense of self-confidence. Let's face it (pun intended), It's time to stop faking it and get to the "Best Dental Practice in Delray Beach" today!



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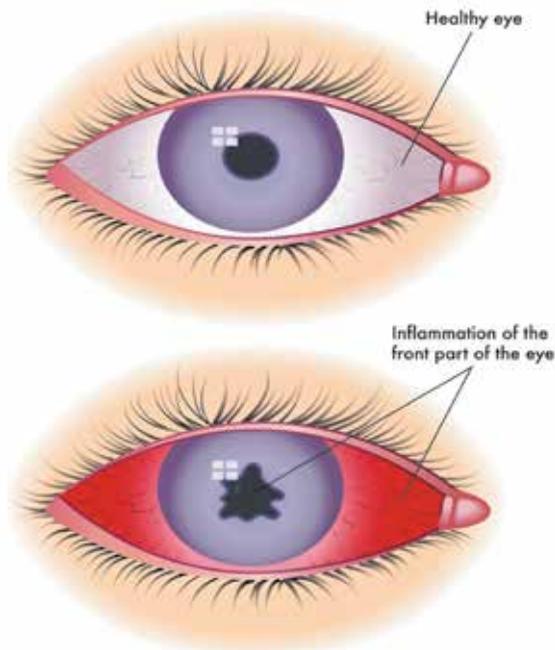


WHY DO I HAVE UVEITIS?

By Lauren R. Rosecan, M.D., Ph.D., F.A.C.S.

UVEITIS is inflammation of the uvea, which is made up of the iris, ciliary body and choroid. Together, these form the middle layer of the eye between the retina and the sclera (white of the eye).

ANTERIOR UVEITIS



The eye is shaped like a tennis ball, with three different layers of tissue surrounding the central gel-filled cavity, which is called the vitreous. The innermost layer is the retina, which senses light and helps to send images to your brain. The outermost layer is the sclera, the strong white wall of the eye. The middle layer between the sclera and retina is called the uvea.

The uvea contains many blood vessels — the veins, arteries and capillaries — that carry blood to and from the eye. The uvea nourishes many important parts of the eye (such as the retina), inflammation of the uvea can damage your sight.

There are several types of uveitis, defined by the part of the eye where it occurs.

- **Iritis affects the front of your eye. Also called anterior uveitis, this is the most common type of uveitis. Iritis usually develops suddenly**

and may last six to eight weeks. Some types of anterior uveitis can be chronic or recurrent.

- **If the uvea is inflamed in the middle or intermediate region of the eye, it is called pars planitis (or intermediate uveitis). Episodes of pars planitis can last between a few weeks to years. The disease goes through cycles of getting better, then worse.**
- **Posterior uveitis affects the back parts of your eye. Posterior uveitis can develop slowly and often lasts for many years.**
- **Panuveitis occurs when all layers of the uvea are inflamed.**

UVEITIS CAUSES

The specific cause of uveitis often remains unknown. In some cases, however, it can be associated with other disease or infection in the body.

Uveitis may be associated with:

- A virus, such as shingles, mumps or herpes simplex;
- Systemic inflammatory diseases;
- A result of injury to the eye; or
- Rarely, a fungus, such as histoplasmosis or a parasite, such as toxoplasmosis.

If you smoke, stop. Studies have shown that smoking contributes to the likelihood of developing uveitis.

UVEITIS SYMPTOMS

Uveitis may develop suddenly with eye redness and pain, or with a painless blurring of your vision. In addition to red eye and eye pain, other symptoms of uveitis may include light sensitivity, blurred vision, decreased vision and floaters. There may also be a whitish area (called a hypopyon) obscuring the lower part of the iris.

A case of simple “red eye” may in fact be a serious problem such as uveitis. If your eye becomes red or painful, you should be examined and treated by an ophthalmologist.

UVEITIS DIAGNOSIS

A careful eye examination by an ophthalmologist is extremely important when symptoms occur. Inflammation inside the eye can permanently affect sight or even lead to blindness if it is not treated.

Your ophthalmologist will examine the inside of your eye. He or she may order blood tests, skin tests or X-rays to help make the diagnosis.

Since uveitis can be associated with disease in other parts of the body, your ophthalmologist will want to know about your overall health. He or she may want to consult with your primary care physician or other medical specialists. However, in approximately 40 to 60 percent of cases, no associated disease can be identified.

UVEITIS TREATMENT

Uveitis is a serious eye condition that may scar the eye. It needs to be treated as soon as possible. Eyedrops, especially corticosteroids and pupil dilators, can reduce inflammation and pain. For more severe inflammation, oral medication or injections may be necessary.

If left untreated, uveitis may lead to:

- Glaucoma (increased pressure in the eye);
- Cataract (clouding of the eye’s natural lens);
- Neovascularization (growth of new, abnormal blood vessels); or
- Damage to the retina, including retinal detachment, damage to the optic nerve or both.

These complications may also need treatment with eye drops, conventional surgery or laser surgery. If you have a “red eye” that does not clear up quickly, contact your ophthalmologist.



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GOOD NEWS!

Research shows that Neurofeedback is a successful alternative for treatment of ADD/ADHD. Attention and Focus problems are brain related. Neurofeedback allows people to work directly on their issues by training the brain to become calmer, more focused, and less impulsive.

YOU MAY ALREADY KNOW THAT...

- ADD/ADHD is one of the most common neurodevelopmental disorders of childhood, and can persist through adolescence and adulthood.
- Those diagnosed can display a number of symptoms including: inattention, hyperactivity, and impulsivity.
- In the brain, ADD/ADHD often displays as too many slow or too many fast neurons firing, particularly in the frontal and/or central lobes.
- Processing issues — auditory, visual, and/or sensory — can cause Attention and Focus problems.
- Other Brain issues such as Anxiety, Depression and head injuries/concussions can also cause Attention and Focus problems.

WHY TRAIN YOUR BRAIN?

Mental clarity improves when you operate a calmer, more efficient brain. As you learn to slow down “inner chatter” or activate a “sleepy” brain, you become more effective at responding to stress and adapt more readily to different situations, both psychologically and physically. Homework time is smoother and quicker, assignments are more easily remembered, completed and turned in, behavior improves, and mood swings/depression often lift.

Neurofeedback has been shown to be of remarkable value with school-age children who experience focus and learning problems. Through brain training, children can learn to better concentrate on schoolwork, increase their frustration tolerance level, and are less prone to be overwhelmed with sensory overload while seated in a noisy classroom. With their thoughts more organized, they can focus more clearly on what others say to them and can begin to develop friendships and learn effectively.

WHAT IS NEUROFEEDBACK?

Neurofeedback, also known as EEG biofeedback, has been studied and practiced since the late 60's. It is exercise for your brain by allowing you to see the frequencies produced by different parts of your brain in real-time and then through visual and auditory feedback, teaches the brain to better regulate itself. Neurofeedback can be used to help detect, stimulate, and/or inhibit activity in the brain safely and without medication. It can help restore a wider “range of motion” in brain states, much like physical therapy does for the body.

I CAN'T PAY ATTENTION! CAN NEUROFEEDBACK HELP?

By Renee Chillcott, LMHC

While the client sits comfortably watching a movie or pictures appear on the screen (a calm and focused state), the EEG equipment measures the frequency or speed at which electrical activity moves in the areas where electrodes have been placed. This information is sent to the therapist's computer. The therapist is then able to determine what frequencies are out of balance. For example, when the EEG shows that you are making too many “slow” or “sleepy” waves (delta/theta) or too many “fast” waves (high beta), the therapist adjusts a reward band to encourage more balanced activity. This encouragement or “reward” happens through visual recognition of the changes on the screen and the auditory reinforcement of “beeps”.

It is important to understand that the neurofeedback approach does not magically “cure” or “fix” anything. We teach and guide your brain to produce frequencies which help it relax and/or focus. We provide the brain with gentle “challenges” and encouragement in a user-friendly, stress-free format so it learns to regulate or shift to healthier states more smoothly on its own at the appropriate time. These learning changes are mostly permanent.

HOW DOES A “BEEP” OR SOUND TRAIN MY BRAIN TO WORK BETTER?

The auditory or sound reward that corresponds to an increase or decrease in desired brainwave activity is able to affect the brain on a neurological level. Auditory reward stimulates auditory pathways, impacts the vestibular system, and has many connections to the reticular activating system, which modulates wakefulness and attention. These systems operate in our brains without conscious effort. Therefore, neurofeedback teaches your brain through automated learning with little or no behavioral effort. Another way to say this is that neurofeedback involves operant conditioning or learning. This type of learning teaches us through a reinforced reward system. The auditory reward (beep) is delivered on a schedule of reinforcement that promotes optimal learning; not too hard and not too easy. This schedule of reinforcement or reward provides just the right amount of resistance to evoke a positive learning pattern.

WHAT ARE THE TYPES OF CONDITIONS NEUROFEEDBACK HELPS?

Symptoms of these conditions, among others, can improve through neurofeedback training:

Anxiety • Sleep disorders • Depression • ADD/ADHD • Sensory processing disorder • Bipolar disorder • Seizure disorders • Auditory/visual processing • Chronic pain/Fibromyalgia • Migraines/headaches • Traumatic brain injuries • Stroke • Peak performance • Oppositional defiant disorder • Auditory/Visual Processing • Rages/mood swings • Attention/focus/concentration • Reactive attachment disorder • Autism/Asperger's • Learning disabilities • Obsessive compulsive disorder

HOW MANY SESSIONS ARE NEEDED TO BEGIN SEEING RESULTS?

As the brain learns, you will see the changes. However, everyone learns at different speeds, so it cannot be

determined how quickly someone will learn. On average, children take about 10-20 sessions to see changes and we can discuss what to expect during the intake appointment. For adults changes are usually noticed within 10 sessions. Total treatment is an average of 40 sessions, however we individualize treatment — some people need more and some less.

WHAT IS A QEEG (QUANTITATIVE EEG) OR BRAIN MAP AND DO I NEED ONE?

The QEEG is a quantitative EEG. It's also called a brain map and does just that...it gives us a map of what is going on with the entire brain at one time. We attach electrodes to the whole head, 19 spots, and then record the brain waves with eyes open for 5 minutes and with eyes closed for 10 minutes. This recording is then sent to a specialist to be read and analyzed. They are able to give us a summary of significant findings as well as a full report that shows the results of analyzing the data several different ways. The brain activity is not only compared by individual locations over the entire head, but we can also look at connections, symmetry, how different parts are communicating. It can help us see what areas need to be addressed more efficiently than just training spot by spot.

We don't always need this data to make improvements in symptoms but we do recommend it in certain situations. A QEEG can also be helpful information when diagnosing and/or trying to decide the best medication/supplement recommendations.

HOW DO I GET STARTED?

Getting started is easy, just give us a call.

The Brain and Wellness Center staff will answer all of your questions, and help you get scheduled. Some insurance is accepted. If you are wondering what services are best for you, we can help determine that at the time of the intake, in a telephone consultation, or you can schedule a face to face consultation and see our facility. Call, email or message us today! Brain and Wellness Center, 7301 W. Palmetto Park Rd., Suite 102A, Boca Raton, FL 33433. **(561) 206-2706**, e-mail us at info@bocabraincenter.com, or text us at **(561) 206-2706** or visit our website at www.BocaBrainCenter.com.

Renee Chillcott, LMHC

Renee Chillcott is a Licensed Mental Health Counselor that has been practicing Neurofeedback training since 2005. Renee holds a BA degree from The University of Central Florida and a Master's Degree in Psychology from Nova Southeastern University. She is a Licensed Mental Health Counselor and is the owner/operator of The Brain and Wellness Center, located in Boca Raton. At The Brain and Wellness Center, adults, teens, children and families enjoy a variety of services from multiple providers. Neurofeedback, Brain Mapping, Acupuncture, Nutritional Counseling, Learning Programs, and counseling are among a few of the services offered.



CRYOABLATION FOR ATRIAL FIBRILLATION. The Next Frontier



An estimated 2.7–6.1 million people in the United States have Atrial Fibrillation (often called AFib or AF). With the aging of the U.S. population, this number is expected to increase. Afib is the most common type of heart arrhythmia.

During AFib, the normal beating in the upper chambers of the heart (the two atria) is irregular, and blood doesn't flow as well as it should from the atria to the lower chambers of the heart.

Now, a new minimally invasive treatment option, cryoablation, has different and unique characteristics that allow doctors to achieve higher therapeutic success rates.

AFib may occur in brief episodes (paroxysmal), or it may become more persistent and even permanent. In paroxysmal Afib the faulty electrical signals and rapid heart rate begin suddenly and then stop on their own. Symptoms can be mild or severe. The most common symptoms include palpitations, a racing or pounding heartbeat, chest discomfort, fainting, light headedness, fatigue, shortness of breath or weakness.

AFib is a serious medical condition associated with an increased risk of stroke, heart failure and other heart-related complications.

Specializing in treating arrhythmia or irregular heart rhythms, – Yoel R. Vivas, M.D., F.H.R.S., and Luis F. Mora, M.D – say that cryoablation has several advantages over traditional radiofrequency ablation. “Cryoablation is an excellent treatment option for patients with paroxysmal AFib who have not responded to medication alone,” explains Dr. Vivas. “It is the future of AFib ablation techniques.” “It is the preferred ablation method at Emory University in Atlanta, where I did my Fellowship training,” adds Dr. Mora.

They are now performing cryoablations at Bethesda Heart Hospital and Delray Medical Center.

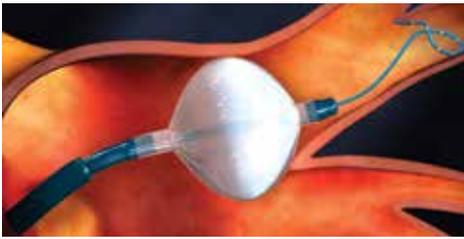
ACHIEVING A NORMAL HEART RHYTHM WITH CRYO

Patients that suffer from Paroxysmal Afib most commonly have their arrhythmia arising from the pulmonary veins. These are the four veins that take blood from the lungs and drain it to the left

atrium. Once your doctor has decided that you may benefit from being in normal rhythm, medications (antiarrhythmic drugs) or an ablation procedure may be used.

“The principle of ablation consists in blocking or eliminating the electrical impulses that cause the irregular rhythm. We do this by freezing and subsequently creating scar tissue at the point where the pulmonary vein enters the atrium,” Dr. Vivas continued. “Our goal is to electrically isolate the four veins from the left atrium. This is why this procedure is known in the medical community as pulmonary vein isolation”. Cryoablation is a minimally invasive procedure that involve using a catheter inserted through the veins in the groins.

Cardiac electrophysiologist Yoel R. Vivas, M.D., says cryoablation is the future of A-fib ablation treatments.



Cardiac electrophysiologist Luis F. Mora, M.D., says cryoablation takes less time than conventional treatments.

Traditional ablation procedures have used Radio-frequency as a source of energy. This is a technology that warms up and basically “cauterizes” the tissue. The challenge of this technology is that the scar produced is small and multiple lesions are required to “isolate” the veins. The process is repeated all the way around the vein, creating a circle of scar “dots.” This can be technically challenging, and tiny gaps may be left between the scars that will allow the electrical currents to continue to pass. “Cryoablation works on the same principle, but uses cold instead of heat to create a much bigger and durable scar tissue,” added Dr. Vivas. With cryoablation, a special balloon is inserted through the catheter and inflated at the junction of each pulmonary vein with the atrium. Then it is filled with a refrigerant nitrogen gas to create a continuous scar area around the entire edge of the vein tissue.

Cryoablation disrupts the heart cells that create an irregular heartbeat.

Cryoablation is an effective alternative in the treatment of atrial fibrillation.

“One of the main advantages of cryoablation is that the procedure takes much less time. Instead of two to four hours, it usually takes about one hour,” states Dr. Mora. “That means the patient spends less time under anesthesia.”

POTENTIAL LESS COLLATERAL DAMAGE

Although all invasive procedures have risks, cryoablation has a lower risk of damaging the surrounding heart tissue, specifically the esophagus. Dr. Vivas adds, “Patients usually spend one night in the hospital and can return to normal activities within a few days. They may experience cough, minor soreness in the chest, or bruising or soreness in the groin where the catheter was inserted.” In most cases, one cryoablation treatment is enough; however, occasionally patients may need to go back for a repeat procedure.



Yoel R. Vivas, M.D., F.H.R.S.

Dr. Yoel Vivas is the founder of the Arrhythmia Center of South Florida. He’s been practicing cardiac electrophysiology in Boynton Beach and Delray Beach area since 2012. Dr. Vivas is a Fellow of the Heart Rhythm Society (FHRs). This distinction recognizes members for their

advanced training, certification and commitment to the research and treatment of heart rhythm disorders. Dr. Yoel Vivas offers comprehensive evaluation and treatment of abnormalities of the heart rhythm (Arrhythmia) including but not limited to ablation of atrial fibrillation, atrial flutter, supraventricular and ventricular tachycardia. He also specializes in implantation of pacemakers, defibrillators and devices to treat heart failure (CRT). Dr. Yoel Vivas is the only electrophysiologist in South Florida who is also board certified in Advanced Heart Failure and Transplant Cardiology. His special clinical interests include the treatment of advanced heart failure with novel devices and ablation of arrhythmias that predispose to heart failure or worsen its clinical symptoms.

Medical School

Universidad Central de Venezuela. Magna Cum Laude Internship/Residency Internship and Residency in Internal Medicine, Hospital of St. Raphael, Yale University School of Medicine

Fellowships

Fellowship in Cardiovascular Diseases, The Western Pennsylvania Hospital, Temple University Program, Pittsburgh, PA. Chief Cardiology Fellow. The Western Pennsylvania Hospital, Temple University Program. Pittsburgh, PA. Fellowship in Clinical Cardiac Electrophysiology. Lahey Clinic, Tufts University School of Medicine. Burlington, MA.

Board Certifications

Clinical Cardiac Electrophysiology, ABIM
Advanced Heart Failure and Transplant Cardiology, ABIM
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What is CBD

AND THE MEDICAL TREATMENT IT PROVIDES?

Jeff Mandall, owner of Vapor Rocket, South Florida CBD, and an advisor to the board of directors for Miami Beach Community Health Centers is the local expert about CBD and its use. He prides himself in working with area medical providers to educate and facilitate treatment of patients with a multitude of different health problems. We went straight to the expert to get our questions answered and here's what we learned:



CANABIDIOL—CBD—is a cannabis compound that has significant medical benefits, but does not make people feel “stoned” and can actually counteract the psycho activity of THC. The fact that CBD-rich cannabis is non-psychoactive makes it an appealing option for patients looking for relief from inflammation, pain, anxiety, psychosis, seizures, spasms, and other conditions without disconcerting feelings of lethargy or dysphoria.

Scientific and clinical research—much of it sponsored by the US government—underscores CBD's potential as a treatment for a wide range of conditions, including arthritis, diabetes, alcoholism, MS, chronic pain, schizophrenia, PTSD, depression, antibiotic-resistant infections, epilepsy, and other neurological disorders. CBD has demonstrable neuroprotective and neurogenic effects, and its anti-cancer properties are currently being investigated at several academic research centers in the United States and elsewhere.

Extensive preclinical research—much of it sponsored by the U.S. government—indicates that CBD has potent anti-tumoral, antioxidant, anti-spasmodic, anti-psychotic, anti-convulsive, and neuroprotective properties. CBD directly activates serotonin receptors, causing an anti-depressant effect, as well.

Here are five facts that you should know about this unique compound:

1. *CBD is a key ingredient in cannabis*

CBD is one of over 60 compounds found in cannabis that belong to a class of molecules called cannabinoids. Of these compounds, CBD and THC are usually present in the highest concentrations, and are therefore the most recognized and studied.

CBD and THC levels tend to vary among different plants. Marijuana grown for recreational purposes often contains more THC than CBD.

However, by using selective breeding techniques, cannabis breeders have managed to create varieties with high levels of CBD and next to zero levels of THC. These strains are rare but have become more popular in recent years.

2. *CBD is non-psychoactive*

Unlike THC, CBD does NOT cause a high. While this makes CBD a poor choice for recreational users, it gives the chemical a significant advantage as a medicine, since health professionals prefer treatments with minimal side effects.

CBD is non-psychoactive because it does not act on the same pathways as THC. These pathways, called CB1 receptors, are highly concentrated in the brain and are responsible for the mind-altering effects of THC.

A 2011 review published in Current Drug Safety concludes that CBD “does not interfere with several psychomotor and psychological functions.” The authors add that several studies suggest that CBD is “well tolerated and safe” even at high doses.

3. CBD has a wide range of medical benefits

Although CBD and THC act on different pathways of the body, they seem to have many of the same medical benefits. According to a 2013 review published in the British Journal of Clinical Pharmacology, studies have found CBD to possess the following medical properties:

MEDICAL PROPERTIES OF CBD	EFFECTS
Antiemetic	Reduces nausea and vomiting
Anticonvulsant	Suppresses seizure activity
Antipsychotic	Combats psychosis disorders
Anti-inflammatory	Combats inflammatory disorders
Anti-oxidant	Combats neurodegenerative disorders
Anti-tumoral/ Anti-cancer	Combats tumor and cancer cells
Anxiolytic/ Anti-depressant	Combats anxiety and depression disorders

Unfortunately, most of this evidence comes from animals, since very few studies on CBD have been carried out in human patients.

But a pharmaceutical version of CBD was recently developed by a drug company based in the UK. The company, GW Pharmaceuticals, is now funding clinical trials on CBD as a treatment for schizophrenia and certain types of epilepsy.

Likewise, a team of researchers at the California Pacific Medical Center, led by Dr. Sean McAllister, has stated that they hope to begin trials on CBD as a breast cancer therapy.

4. CBD reduces the negative effects of THC

CBD seems to offer natural protection against the marijuana high. Numerous studies suggest that CBD acts to reduce the intoxicating effects of THC, such as memory impairment and paranoia.

CBD also appears to counteract the sleep-inducing effects of THC, which may explain why some strains of cannabis are known to increase alertness.

5. CBD is legal in the US and many other countries:

If you live in the US, you can legally purchase and consume Cannabidiol in any state.

Cannabidiol from industrial hemp also has the added benefit of having virtually no THC. This is why it's not possible to get "high" from CBD.

In fact various government agencies are taking notice to the clinical research supporting the medical benefits of CBD. The U.S. Food and Drug Administration recently approved a request to trial a pharmaceutical version of CBD in children with rare forms of epilepsy. The drug is made by GW Pharmaceuticals and is called Epidiolex.

According to the company, the drug consists of "more than 98 percent CBD, trace quantities of some other cannabinoids, and zero THC." GW Pharmaceuticals makes another cannabis-based drug called Sativex, which has been approved in over 24 countries for treating multiple sclerosis.

We at Vapor Rocket are not medical doctors, however, we do pride ourselves on working closely with treating medical physicians, scientists, and leading researchers in the CBD field to ensure we provide our patients with the highest quality CBD to treat identified medical conditions. If you are interested in using CBD for treatment of an ailment, we recommend you consult your doctor to make sure it's right for you.

Vapor Rocket provides top of the line, high quality organic botanical oils, waxes, and pastes that offer numerous medicinal benefits. With no prescription required, our product captures the highest concentration of cannabidiol available, a chemical compound that triggers and modules receptors in the brain to offer the following benefits: Anti-seizure, Easing chronic pain, Psychological Health Benefits, Anti-inflammatory properties. If you have further questions about CBD or request that we work with your medical professional, please contact Vapor Rocket's knowledgeable staff at **561-200-0122**.

Samantha Brown - Boynton Beach. *"I suffer from severe migraine headaches and use to take up to 8 Excedrin a day but since*

I started CBD I've been able to go about my daily routine without any delays from my condition."

David Anderson- Lake Worth. *"My seizures went from seven to eight a month down to one since I started CBD products."*

Alicia Gomez - Boca Raton. *"Since using CBD I have felt a decrease in my anxiety and pain from my arthritis."*



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Grand Opening Celebration at **ILoveKickboxing.com** - Boca Raton



ILOVEKICKBOXING, Boca Raton's newest cardio kickboxing studio, held their Grand Opening Celebration on Monday June 27, 2016. In attendance were more than 150 people including Mayor Susan Haynie, Councilman Jeremy Rodgers, and members of The Greater Boca Raton Chamber of Commerce. The studio also had a long list of local sponsors who each brought some of their specialties to share. Raw Juice had a table providing samples of their most popular and healthy juice drinks, Elements Massage was offering massages, Oceans 234 brought some of their specialty health food options, Lemongrass Asian Bistro of Boca Raton provided a huge sushi spread, The Vitamin Shoppe was offering samples of a popular protein drink, Chef Dana with La Paella Chef was making fresh

Paella on site, Fit Food Fresh had samples of some of their food options, and of course no celebration would be complete without a cake, which was made by Sweet Therapy, including an amazing representation of the studio's mat and punching bags!

The ceremony kicked off with introductions by the studio's owner, Victoria Heck, followed by a ribbon cutting ceremony and live demonstration by our studio's amazing instructors. Then, the guests received a special look at some of the instructors favorite kickboxing moves during a Live demonstration. Attendees were in awe and even had the opportunity to take off their shoes (because shoes are not allowed on the special mat), put on real kickboxing gloves, and try out some

punches and kicks as they were instructed by the studio's staff. Mayor Susan Haynie, and Councilman Jeremy Rodgers, also got a chance to put on a pair of punching gloves and punch that bag.

The rest of the night consisted of everyone enjoying the delicious food as well as meeting new friends and making new connections. Members of the studio, who were also in attendance, were able to share some of their success stories! The studio has only been open for a little over a month, and members are already so excited about their progress and weight loss results. If you haven't already, stop by and sign up for a web special! Victoria and her energetic staff are always eager to speak with you about how they can help you reach your goals!



ILoveKickboxing is located at

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Underlying Reasons for Limb Swelling

Many people may experience complications after an operation due to the significant amount of trauma your body endures. Whether it's cancer related, non-cancer related, or a minor surgery, patients may develop post-operative symptoms such as swelling in a limb or a particular area of the body. Swelling in the limb which may appear to be temporary can later lead to chronic swelling known as lymphedema.

HOW THE LYMPHATIC SYSTEM WORKS

What does edema have to do with your lymphatic system? The lymphatic system serves as one of the body's main highways. Through its network of vessels and ducts, it works as a filtration system for body fluid entering into the blood stream. This fluid is referred to as "lymph" fluid, which is the interstitial fluid consisting of proteins, wastes, and a collection of white blood cells. The kidneys, skin, lungs, or intestines then eliminate the wastes that have been filtered out of the lymphatic vessels.

WHAT IS LYMPHEDEMA?



Lymphedema is a degenerative condition which means it will only get worse over time without treatment. There is no cure for Lymphedema. Once a lymph node has been damaged, your lymphatic can become compromised. Over the years, as you get older, you may incur irreversible damage to the lymphatic system through medical procedures, injuries, or infection. Examples include cancer radiation, surgical lymph node removal, joint replacements, scarring of the lymphatic vessels through reoccurring infections i.e.

cellulitis, or other health problems relating to gall bladder, kidneys, intestines, or reproductive organs. When an obstruction has occurred, a blockage in the lymph nodes can occur. The limb begins to swell with fluid because the lymphatic system is blocked/impaired, unable to move the fluid back into the circulatory system.

COMPRESSION PUMP TREATMENT

One recognized treatment is using a compression pump. This is a safe and effective way to assist your body's lymphatic system in moving the lymph fluid which has accumulated in the limb and can cause painful swelling, non-healing wounds, heaviness, and discomfort decreasing your mobility. The compression pump is a gentle massaging technique that compresses in a rhythmic cycle, similar to that of a normally functioning lymphatic system that has not been damaged.

POSSIBLE SYMPTOMS OF LYMPHEDEMA

- Swelling in your legs or arms
- A feeling of heaviness or tightness
- A restricted range of motion
- Aching or discomfort
- Recurring infection/cellulitis
- Hardening or thickening of the skin on your arms or legs

It is important to rule out other causes of edema including nutritional issues, allergies and reactions to medication you may be on. True Lymphedema should not be treated with Diuretics as they draw from the Venus system not the Lymphatic system. Removing fluid from the body in this fashion takes away the wastes' only means of transport and can lead to serious recurrent infections or cellulitis since the lymph waste is now trapped in the limb and

By Alyssa Parker



has no place to go. If symptoms return when you cease Diuretics, you should be asking questions and seeing a specialist immediately. This is where choosing a physician experienced in recognizing and treating Lymphedema is critical.

SOME GOOD QUESTIONS TO ASK YOUR PHYSICIAN INCLUDE:

- Does my family have a history of swelling (Hereditary Lymphedema)?
- Stemmer's sign present?
- Pitting (push your finger into your skin and count how long it takes to return) or skin hardening?
- Hemosiderin staining (port wine skin stains or "red socks") appear from the ankles down?
- Traumatic injury or surgery potentially damaging Lymph nodes (Hip replacements, etc)?
- Radiation to Lymph areas?

SPECIALISTS IN ACUTE WOUND CARE

Remember, ANY swelling is an indication of an overloaded Lymphatic system. Acute Wound Care, LLC is a highly focused local provider of wound products and compression pumps working with select area physicians highly versed in this condition. For more information and articles on this topic, Google "Acute Wound Care," visit www.AcuteWoundCare.com, or call **239-949-4412** and speak with a specialist. Remember, nothing heals faster than an educated patient.

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THE CORNEA

By David A. Goldman MD



Although people may have heard the word ‘cornea’ in reference to the eye, many are unaware of what it really refers to. While diseases such as glaucoma and macular degeneration affect the back of the eye, the cornea is in the front of the eye.

In fact, the cornea is the most anterior structure of the eye. It is the clear part responsible for much of the focusing of light waves which enter the eye. When patients place contact lenses on their eye, they are placing them on their corneas. When patients develop an abrasion (scratch) or infectious ulcer of the eye, it is typically in the cornea.

The cornea consists of several layers, but it is simplest to break it down into three: epithelium,

stroma, and endothelium. The epithelium is the superficial outer layer of cells. When a scratch occurs on the cornea, the epithelium acts quickly to fill in the scratch. In cases of severe dry eye, tiny dried out “holes” can also appear in the epithelium.

The stroma is the central portion of the cornea, and comprises the bulk of it. It provides the majority of structural support to the cornea. When patients undergo LASIK surgery, it is the stroma that is affected. In LASIK, a laser creates a flap within the stroma. That flap is then lifted and a laser then reshapes the cornea under the flap. For patients who are myopic (nearsighted), the laser flattens the center of the cornea. For patients who are hyperopic (farsighted), the laser removes tissue in a circular pattern to steepen the cornea. The endothelium is

the most posterior layer of the cornea. Consisting of a layer of cells, these endothelial cells work as microscopic pumps to pump fluid out of the cornea to keep it clear. As we age the number of endothelial cells decline. Typically this is asymptomatic. In conditions such as Fuchs Dystrophy, however, patients are born with a lower number of endothelial cells and at some point may require surgery. Fortunately, the surgical options have improved greatly – less than ten years ago a new procedure was developed called DSAEK. In the past, corneal swelling which did not respond to topical eye drops required a full thickness corneal transplant. With the DSAEK procedure, solely the posterior layer of cells is transplanted. With this newer technique, vision can be restored in weeks instead of months.

This is not to say that a full thickness corneal transplant does not have its place in eye care. Conditions such as keratoconus, where the cornea becomes irregularly cone shaped, and scars of the cornea can significantly limit visual acuity. In these cases, replacing all layers of the cornea can work well to restore vision. In many cases, laser vision correction can be performed over a corneal transplant so that the patient can see well without glasses.

While problems of the cornea, whether inherited or environmental, can significantly disturb vision, there are multiple procedures available to improve vision. As opposed to posterior eye pathology such as glaucoma and macular degeneration, the overwhelming majority of vision problems related to the cornea can be fixed.



DAVID A. GOLDMAN

Prior to founding his own private practice, Dr. David A. Goldman served as Assistant Professor of Clinical Ophthalmology at the Bascom Palmer Eye Institute in Palm Beach Gardens. Within the first of his five years of employment there, Dr. Goldman quickly became the highest volume surgeon. He has been recognized as one of the top 250 US surgeons by Premier Surgeon, as well as being awarded a Best Doctor and Top Ophthalmologist.

Dr. Goldman received his Bachelor of Arts cum laude and with distinction in all subjects from Cornell University and Doctor of Medicine with distinction in research from the Tufts School of Medicine. This

was followed by a medical internship at Mt. Sinai – Cabrini Medical Center in New York City. He then completed his residency and cornea fellowship at the Bascom Palmer Eye Institute in Miami, Florida. Throughout his training, he received multiple awards including 2nd place in the American College of Eye Surgeons Bloomberg memorial national cataract competition, nomination for the Ophthalmology Times writer’s award program, 2006 Paul Kayser International Scholar, and the American Society of Cataract and Refractive Surgery (ASCRS) research award in 2005, 2006, and 2007. Dr. Goldman currently serves as councilor from ASCRS to the American Academy of Ophthalmology. In addition to serving

as an examiner for board certification, Dr. Goldman also serves on committees to revise maintenance of certification exams for current ophthalmologists.

Dr. Goldman’s clinical practice encompasses medical, refractive, and non-refractive surgical diseases of the cornea, anterior segment, and lens. This includes, but is not limited to, corneal transplantation, microincisional cataract surgery, and LASIK. His research interests include advances in cataract and refractive technology, dry eye management, and internet applications of ophthalmology.

Dr. Goldman speaks English and Spanish.

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IT'S HOT EVERYWHERE IN JULY

Brent Myers



Have you noticed that Summer has arrived? If you haven't, just wait, you will. This is how I can usually tell that our wonderful south Florida Summer has come: when I bathe, get dressed, walk outside the house thirty feet to my car and when I get in – I feel like someone has rubbed a glazed doughnut all over my face.

Is it just me? I doubt it.

But don't misunderstand my description for complaining. Several years ago I learned a very valuable lesson that has had a profound spiritual impact on my life. There was a July Summer day that I was grumbling about how hot and humid it was and wondering aloud how nice it must be in another part of the country. At that moment, a wise man looked at me and said, "Brent... it's hot *everywhere* in July."

Wow!! Simple, but so true!

He wasn't providing a meteorological analysis of the climate zones of the United States, but instead he was telling me: "Be content."

Too many times in our lives we look at our circumstances and wish things were better – or at least different. But spiritually speaking, we need to learn to be content with the life that God has given us – even if it stinks (for right now.)

St. Paul wrote these words: *"I am not saying this because I am in need, for I have learned to be content whatever the circumstances. I know what it is to be in need, and I know what it is to have plenty. I have learned the secret of being content in any and every situation, whether well fed or hungry, whether living in plenty or in want."* (Philippians 4:11-12)

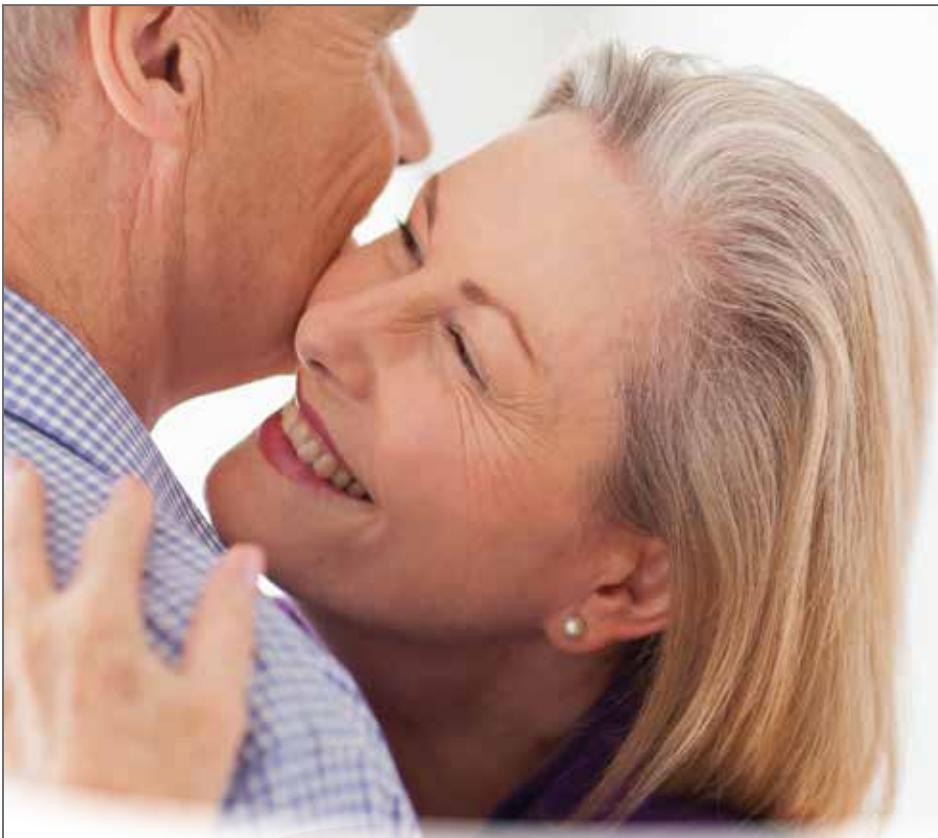
Paul was sharing the reality of his life – that he had learned to be content. Whether he was poor or rich – regardless of the circumstances of his life – he was content. Oh, and just for a frame of reference... Paul wrote these words while in prison in ancient Rome!

But before we say to ourselves, "Well, that was the great St. Paul and I could never do that." Let's read a bit further: *"I can do all this through him who gives me strength."* (Philippians 4:13) Do you see that?! Paul couldn't do it on his own either!! He understood that his contentment in life – even in prison – came because Jesus Christ enabled him to deal with it.

So the next time life gives you a bad turn or the next time you find yourself complaining... seek to be content. Try to find the reality of the situation you are in – that God is doing something for a bigger purpose than yourself and He will get you through it. Learn to be content.

Socrates is credited with saying: "He who is not contented with what he has, would not be contented with what he would like to have."

Why? Because it's hot everywhere in July.



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