



Continuing Education Course Approval Checklist

Title:

Provider Name:

✓ Completed Application
 Open to all Optometrists?
 ✓ Yes
 ✓ No
 Maintain Record Agreement?
 ✓ Yes

Correct Application Fee

☑ Detailed Course Summary

Detailed Course Outline

PowerPoint and/or other Presentation Materials

Advertising (optional)

 $\ensuremath{\boxtimes}\xspace{\mathsf{CV}}$ for EACH Course Instructor

☑License Verification for Each Course Instructor Disciplinary History? ☑Yes □No



ASIAN AMERICAN OPTOMETRIC SOCIETY PRESENTS

2017 Spring Education Symposium

Sheraton Cerritos Hotel - 12725 Center Ct Dr S, Cerritos, CA 90703 Sunday, April 2, 2017

5 HOURS OF CONTINUING EDUCATION

<u>Agenda:</u>

8:00am – 8:10am

Welcome Andy Kongsakul, O.D. President, AAOS

Break

Break

8:10am – 9:00am (1 Hour CE) **10 LASIK Myth Busters SMILE – Small Incision Lenticule Extraction** Tom Tooma, MD, NVision Eye Centers

9:00am — 9:20am (20 min)

9:20am – 11:00am

(2 Hours CE)

Topography Guided LASIK

Franklin Lusby, MD, NVision Eye Centers Choosing Premium Lenses in Highly Aberrated Corneas Understanding New Extended Depth of Focus IOLs Sheri Rowen, MD, NVision Eye Centers

11:00pm – 11:20pm (20 min)

11:20am – 12:10pm (1 Hour CE) An Introduction to Fundus Auto-Fluorescence (FAF) Raman Bhakhri, OD, Marshall B Ketchum University

12:10pm – 1:00pm (1 Hour CE) Updates on Hydroxychloroquine Retinpathy Tina Zheng, OD, Marshall B Ketchum University

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SUMMARY – 10 LASIK Myth Busters

Tom Tooma, MD

There are a lot of misconceptions regarding LASIK, whether in the lay media or advice given in professional settings like doctor's offices. Some of these misconceptions are positive, over-promising what the technology can do while other can be negative, causing undue hesitation, apprehension and erroneous information. Other misconceptions are just wrong. This lecture will review the current technologies of LASIK and reveal the 10 most commonly heard myths regarding refractive surgery to dispel them. The purpose of this lecture is to provide professionals with the best literature and information to better educate our patients about refractive surgery through established research and experience.



Presenter – Tom Tooma, MD

Course Title – 10 LASIK MYTH BUSTERS

Course Outline –

LASIK MYTHS LASIK SURGEONS WOULD NOT HAVE LASIK YOU SHOULD NOT HAVE IT DONE, YOU ARE GOING TO GET PREGNANT ONE DAY INCREASES THE RISK OF HALOS AND GLARE SAFETY AND EFFICACY HAVE NOT IMPROVED YOU WILL NEED GLASSES ANYWAY

LASIK MYTHS

EXPENSIVE YOUR EYES ARE NOT STABLE LONG TERM EFFECTS ARE NOT KNOWN DRY EYE IS EXTREMELY COMMON AFTER LASIK CTL ARE SAFER THAN LASIK

MYTH NUMBER 1 LASIK SURGEONS WOULD NOT HAVE LASIK ON THEIR OWN EYES

REFRACTIVE SURGEONS HAVING LASIK 5X MORE LIKELY – 65% 95% OPERATED ON THEIR OWN FAMILY MEMBER MYTH NUMBER 2 YOU SHOULD NOT HAVE IT DONE, YOU ARE GOING TO GET PREGNANT ONE DAY MYTH NUMBER 3 LASIK INCREASES THE RISK OF HALOS AND GLARE

3 Month Uncorrected Visual Acuity Outcomes No enhancements performed 3 Month Acuity and Refractive Safety Outcomes

A Lot Of Difficulty With or Inability to Perform Usual Activities Due to Visual Symptoms Subjects Developing New Dry Eye Symptoms (OSDI Categories) at 3 Months Overall Satisfaction With Present Vision

MYTH NUMBER 4 SAFETY + EFFICACY HAVE NOT IMPROVED OVER TIME

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FDA Approves Summit Laser for PRK The Evolution of LASIK FDA VISX Trial Results: 1.0-6.0 Diopters Myopia 58.3% 20/20 or better 93.8% 20/40 or better 9.8% deviated from intended treatment by >1 D

Majority of complications flap related

FDA Summit Trial Results: 1.5-7.0 Diopters Myopia 6.8% of eyes lost 2 or more lines of BCVA

Ablation decentration

Ablation decentration

LVC Problem D LVC Solution PRK corneal haze D

LVC Problem I LVC Solution Flap complications I

Glare and halo 🛛 🛙

LVC Problem
LVC Solution
Ectasia

LVC Problem 🛛 LVC Solution Dry eye 🖾

LASIK – MY OUTCOMES 98.1% UCVA 20/20 WITH PRIMARY LASIK – MYOPIA UP TO -12.00D AND ASTIGMATISM UP TO 6.0D 99% 20/20 WITH BOTH EYES OPEN POST OP MEAN SE -0.08 +/- 0.24 POST OP MEAN CYL 0.17 +/- 0.21 0.3% WITH S.E. ERROR >1D MEAN DISTANCE VA 20/17.4 +/- 0.6 LINES

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NVISION

MYTH NUMBER 5 YOU WILL NEED GLASSES ANYWAY PRESBYOPIA SOLUTIONS

LASIK MONO-VISION KAMRA INLAY DYSFUNTIONAL LENS EXCHANGE

MYTH NUMBER 6 EXPENSIVE

GOOD LIFETIME INVESTMENT PRICE PARITY WITH CTL EASY FINANCING MYTH NUMBER 7 YOUR EYES ARE NOT STABLE EYES BECOME STABLE AT AN EARLY STAGE 75% BY AGE 15 91% BY AGE 15 95% BY AGE 21 98% BY AGE 21 98% BY AGE 25 MYTH NUMBER 8 LONG TERM EFFECTS ARE NOT KNOWN

Х

Cosmetic Procedures and Patient Satisfaction Rates LASIK FACTS

LASIK IS THE SAFEST ELECTIVE PROCEDURE WITH THE HIGHEST PATIENT SATISFACTION IN THE WORLD TODAY

6

MYTH NUMBER 9 DRY EYE IS EXTREMELY COMMON AFTER LASIK LASIK FACTS

DRY EYE TYPICALLY RESOLVES NO DRY EYE PRE OP = NONE POST-OP DRY EYE POST-OP = DRY EYE PRE-OP Tear Lab InflammaDry

MMP-9 LipiView Gland Imaging

75 Enterprise, Suite 200, Aliso Viejo, CA 92656 **p:** 949.274.4652 • **f:** 949.509.4898 • **e:** info@nvisioncenters.com • **w:** www.nvisioncenters.com Tear Film Assessment Results

Lipid Layer Insufficiency

Meibomian Gland Dysfunction

Studies suggest may be implicated in greater than 80% of dry eye cases LipiView

Gland Imaging

LipiView

Gland Imaging

Better Dry Eye Diagnosis and Management Point of service objective dry eye diagnostics.

Better treatments for dry eye disease. The Future: Dry Eye Pipeline

MYTH NUMBER 10

CTL ARE SAFER THAN LASIK

DAILY WEAR

VS OVERNIGHT USE COMPARE RISK ONE TIME LASIK VS LIFETIME CTL USE CTL RELATED INFECTIONS 20% USE DW DISPOSABLE CTL PROPERLY 1/400/YEAR FOR OVERNIGHT USE 20X MORE LIKELY 1,000,000 VISITS ANNUALLY 58,000 VISITS TO ER – 4% OF VISITS LARGEST SINGLE RISK FACTOR FOR MICROBIAL KERATITIS

CTL RISK FACTORS NOT WASHING AND DRYING HANDS OVERNIGHT USE SWIMMING AND HOT TUBS USING WATER, SALIVA TO CLEAN CTL STORING IN WATER NOT REPLACING CTL NOT DRYING OR REPLACING CTL CASE NOT REPLACING CTL SOLUTIONS

CTL AND DRY EYES?? CTL FUNCTIONS AS A BANDAGE LESS BLINKING DIGITAL DEVICES 179

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I∨ISI⁄ON

STREAM OF INCOME LASIK VS CTL CONTACT LENS ECONOMICS OFFERING LASIK IS IN YOUR BEST INTEREST, AND IN YOUR PATIENT'S BEST INTEREST 40 MILLION CONTACT LENS WEARERS IN THE U.S.

WaveLight[®] EX500 Excimer Laser The Future: Better Technology The Future: Better Technology LASIK 2016 CONCLUSIONS

LASIK Publications and Public Interest is LASIK Worth Saving?

The Facts, Fiction and Future

In spite of LASIK's long clinical and historical presence, misconceptions regarding the risks and benefits of this procedure persist, eroding both the reputation of the procedure and of those in the field that remain its unwavering supporters.

The aim of this lecture is to explore the myths and realities of the LASIK procedure using an evidenced-based approach and to evaluate upcoming advancements.

LASIK - 2016

The Facts, Fiction and Future MISCONCEPTIONS REGARDING RISKS AND BENEFITS

EVIDENCE BASED APPROACH

LASIK – 2016

conclusions

LASIK IS THE SAFEST, most successful and most studied elective procedure in the world.

LASIK has the highest patient satisfaction rate of any elective procedure.

LASIK results have continually improved as technology and surgical techniques advance and preoperative diagnostic screening and patient selection become more refined.

8

Refractive Surgery 1985

Loss of >2 lines in 3% 90% prediction interval 4.42D Hyperopic shifts in 40-50%

Loss of >2 lines in 3%

Hyperopic shifts in 40-50%

FDA Kremer Trial: First LASIK Study

Complications occurred in approximately 5% of cases Complication rates can be greatly reduced as the surgical team gains experience

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Intraoperative complications, 3.1% to 0.7% 4.7% of eyes lost 2 or more lines of BCVA LASIK Complications: Foundation Established

Complications of LASIK higher in patients with over 7 D myopia

Patients being treated with LASIK for up to 25 diopters of myopia

Selecting the Right Patient and Treatment

Patients with large pupils had more quality of vision symptoms in the early postoperative period, but no correlation was observed 6 months after surgery.

There is a significant transient loss of corneal sensation following LASIK Corneal sensation improves to preoperative levels at 6 months following surgery Dry eye signs and symptoms statistically return to normal at 6 months following surgery

FDA Public Hearing

140 complaints to the FDA after over 10 million procedures

Anti-LASIK activists wished to ban the procedure

Public testimony included personal stories of depression, suicide or suicidal ideation, and other psychological problems

Dry Eye Rates Pre- & Post-Operative

LASIK Myth #1:

Physicians Would Not Have LASIK on Their Own Eyes

LASIK Fact:

Physicians have among the highest prevalence of having undergone LASIK of any occupation

Lasik surgeons are 4X more likely to have Lasik than the general population

LASIK Myth #2:

The Long Term Effects of LASIK are Not Known

LASIK Fact:

LASIK has over a 20 year track record

Long term studies have shown refractive stability and safety

LASIK Myth #3:

Contact Lenses are Safer

Than LASIK

LASIK Fact:

Daily wear contact lenses are likely less safe than LASIK when worn for 30 years Extended wear contact lenses are definitely less safe than LASIK when worn for 30 years LASIK Myth #4:

LASIK Increases the Risk of Glare and Halo Compared to Glasses

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LASIK Fact:

Modern LASIK improves glare and halo for the majority of patients There are a minority of patients who will develop glare and halo that did not have symptoms preoperatively

The Future: Better Technology Advanced wavefront technology 1200 data points 5 times more resolution than current technology Advanced wavefront ablations 93.4% UCVA 20/20 79.0% UCVA 20/16 14.0% gained 1 or more lines of BCVA 98.5% patient satisfaction

Is LASIK Worth Saving? Yes!

LASIK IS THE SAFEST, most successful and most studied elective procedure in the world.

LASIK has the highest patient satisfaction rate of any elective procedure.

LASIK results have continually improved as technology and surgical techniques advance and preoperative diagnostic screening and patient selection become more refined.

Moving Forward

Our goal is continued improvement of patient satisfaction and 100% of patients seeing the same or better following LASIK than prior to surgery.

We need to embrace patients who are dissatisfied with their vision following LASIK and never allow them to feel abandoned.

We need to provide a better informed consent to our patients particularly those with psychiatric disease. We need to continue to invest resources into improving the safety and efficacy of laser vision correction. In Conclusion

The golden age of laser vision correction is today and tomorrow looks even brighter.

We should be proud of what we have accomplished.

We should never be satisfied.

LASIK SURGEONS WOULD NOT HAVE LASIK ON THEIR **OWN EYES**

NVISION EYE CENTERS

- ♦ LONG TERM EFFECTS ARE NOT KNOWN
- · YOUR EYES ARE NOT STABLE

♦ CTL ARE SAFER THAN LASIK

- · EXPENSIVE

◇ DRY EYE IS EXTREMELY COMMON AFTER LASIK

Tom Tooma, M.D. FOUNDER, MEDICAL DIRECTOR NVISION EYE CENTERS



- ♦ YOU WILL NEED GLASSES ANYWAY
- SAFETY AND EFFICACY HAVE NOT IMPROVED
- ♦ INCREASES THE RISK OF HALOS AND GLARE
- ♦ YOU SHOULD NOT HAVE IT DONE, YOU ARE GOING TO GET PREGNANT ONE DAY
- ♦ LASIK SURGEONS WOULD NOT HAVE LASIK

2000 2005 2010 2015 <u>)</u> 1 58 1995 Prevalence of laser vision correction in ophthalmologists who perform refractive surgery ده در این که موجود (122 ه خ ----______ Get M. Kergene MD, MBA, Gregory D. Pakhanit, MD, Jason P. Begrer, MD, Stehard A. Norden, MD and the last spectral WHAT WAS KHOWH What WAS ANUWH • The privatence of reflective entrors amandative to LVC is approximately 42% in the peneral U.S. population, and approximately 13.1% of the experise LLS, population has not LVC. Statisticon mass average 55.4% wordwrde, ranging from 67.2% to 100%. 21112212212 0 WHAT THIS PAPER ADDS What imp Particin values approximately 4 times more Naty to have UK than the parceal possible. Between 802% and 96.5% recommended UK to their intradiation thany mentions. The incodence of anatopa among och-tivamotipsis performing reflactive surgery was signif-catly higher than in the generat possible. The performant of many significant significant significant produces of myoois was 31.4% and of reflactive areas -----11 12

REFRACTIVE SURGEONS MAYING LASIK

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> > NVISION EYE CENTERS

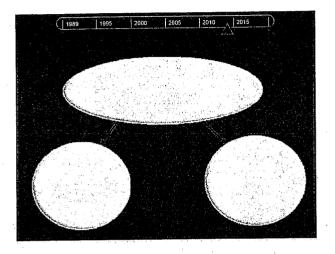
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YOU SHOULD NOT HAVE IT DONE, YOU ARE GOING TO GET PREGNANT ONE DAY

NVISION EYE CENTERS

LASIK INCREASES THE RISK OF HALOS AND GLARE

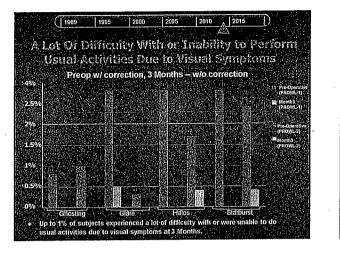
NVISION EYE CENTERS

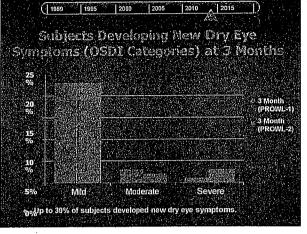


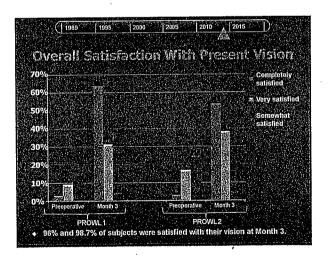
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OD 97% 91%	LICVA 20/20 or better	N=225	<u></u>
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	OS	98%	92%
OU 99% 96%	OU	99%	96%

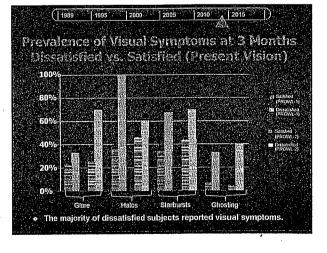
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	PROWL-1 N=450 (eyes)	PROWL-2 N=540 (eyes)
Loss of 2 lines or more BCVA	1 (0.2%)	0 (0%)
BCVA worse than 20/40	.0 (0%)	0 (0%)
increase of greater than 2D of cylinder compared to baseline	0 (0%)	0 (0%)
BCVA worse than 20/25 if 20/20 or better pre-op	0 (0%)	0 (0%)

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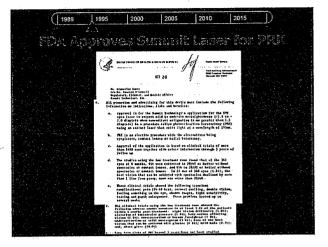


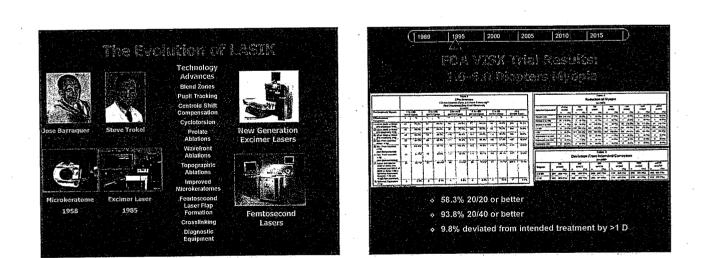


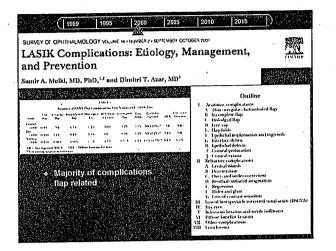


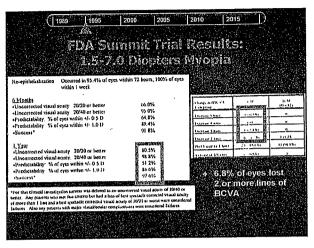


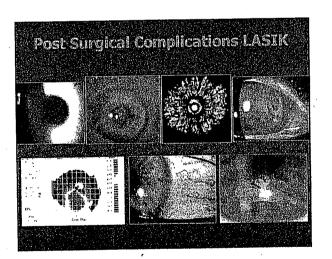


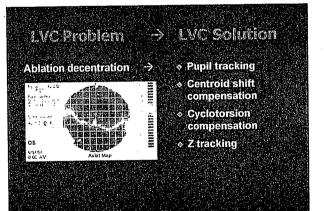


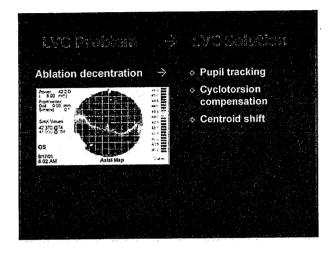


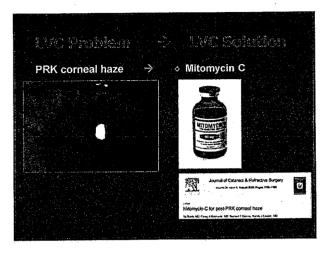


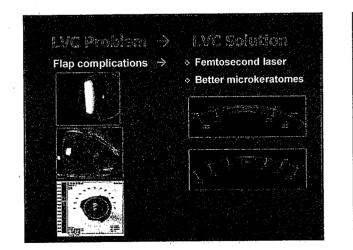


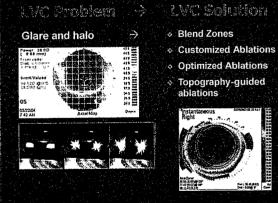






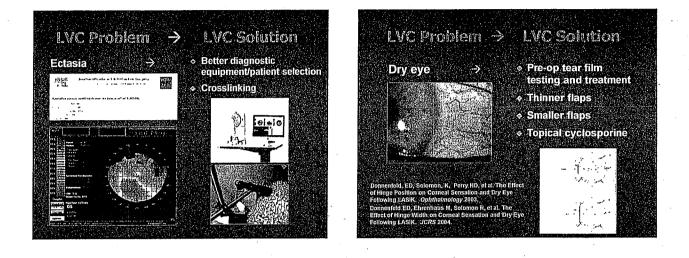


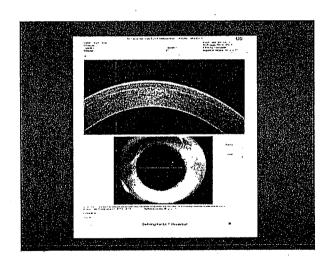


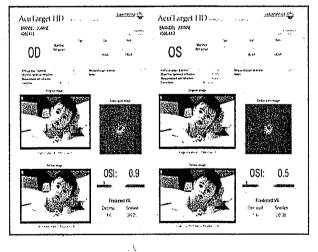


- Optimized Ablations









LASIK MONO-VISION KAMRA INLAY DYSFUNTIONAL LENS EXCHANGE

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EXPENSIVE

NVISION EYE CENTERS

YOU WILL NEED GLASSES ANYWAY

NVISION EYE CENTERS

♦ MEAN DISTANCE VA 20/17.4 +/- 0.6 LINES

- ◊ 0.3% WITH S.E. ERROR >1D

♦ 99% 20/20 WITH BOTH EYES OPEN ◇ POST OP MEAN SE -0.08 +/- 0.24

◇ POST OP MEAN CYL 0.17 +/- 0.21

♦ 98.1% UCVA 20/20 WITH PRIMARY LASIK – MYOPIA UP TO -12.00D AND ASTIGMATISM UP TO 6.0D

GOOD LIFETIME TO STOTEME PRICE PARITY WITH CTL EASY FINANCING

NVISION EYE CENTERS

VOIT THE MANAGEMENT TO THE STATE

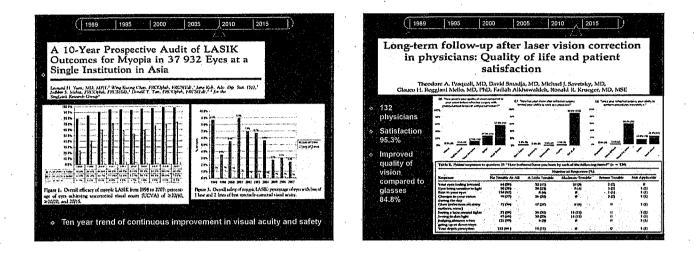
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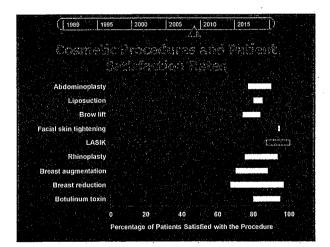
ETES BECOME STABLE AT AN EARLY STAGE 75% BY AGE 15 91% BY AGE 18 95% BY AGE 21 98% BY AGE 25

NVISION EYE CENTERS

LONG TERM EFFECTS ARE NOT KNOWN

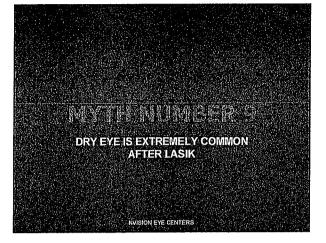
NVISION EYE CENTER





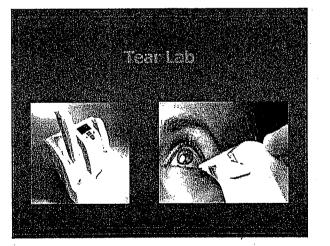
LASIK FACTS

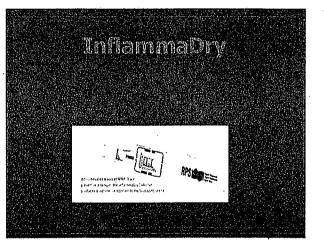
LASIK IS THE SAFEST ELECTIVE PROCEDURE WITH THE HIGHEST PATIENT SATISFACTION IN THE WORLD TODAY

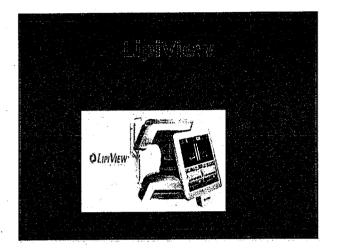


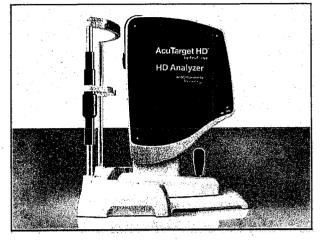
LASIK FACTS

DRY EYE TYPICALLY RESOLVES
NO DRY EYE PRE OP = NONE POST-OP
DRY EYE POST-OP = DRY EYE PRE-OP





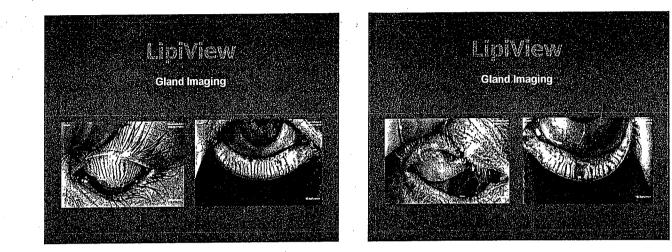




Provided metrics: Mean OSI (OSI number +/- std dev) Inter-Blink Interval(de/ermine using graph). Dow and High OSI (identify this beginning and end times of longest inter-blink interval and take the high and low OSI score)

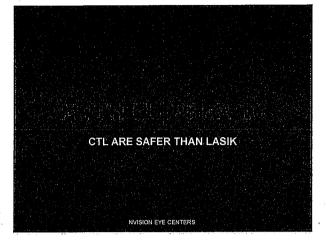
Livid Lever Insufficiency

 Meibomian Gland Dysfunction
 Studies suggest may be implicated in greater than 80% of dry eye cases



letter Dr	v Eve	Diadi	IOSIS	and	Vianad	ement
	y - y					
♦ Point of			e e e e e e e e e e e e e e e e e e e			
objective diagnost						TT of
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for dry e	ye	1.542.5			(increases)	的政治和利用
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Cyclokat	Santen	Immunosuppressive	EMA approval 3/15
Lifilegrast	Shire	LFA-1 antagonist	Phase 3 (OPUS 3). (opline complete
Mim-D3	Mimelogen	Cyclokat (ikervis)	Phase 3
SI-614	Seikagaku	Modified HA	Pinase 3
KP)-121	Kala	Immunosupprossive	Phase 3
skq1	Mitolecti	Mitochondria targeted antioxidant	Plase 3
Dexamelitasone plinetal plug	Ocular Therapeutix	Slow-release dexamplhosone	Phase 2
Gross-Ijnked HA	Jade	Modified HA	Phase 2
CycloASol	Novaliq	Immunosuppressive	Phase 2
CIE-UCA	Herantis	Anti-inflammatory, protective effect to UVB stress	Phase 2
EBI-005	Eleven	II-t antagonist	Phase 3



ONE TIME LASIK VS LIFETIME CTL USE

NVISION EYE CENTERS

NVISION EYE CENTERS

TTL PELATED IMPECTIONS

- ♦ 20% USE DW DISPOSABLE CTL PROPERLY
- ♦ 1/400/YEAR FOR OVERNIGHT USE
- > 20X MORE LIKELY
- ♦ 1,000,000 VISITS ANNUALLY
- ♦ LARGEST SINGLE RISK FACTOR FOR MICROBIAL KERATITIS

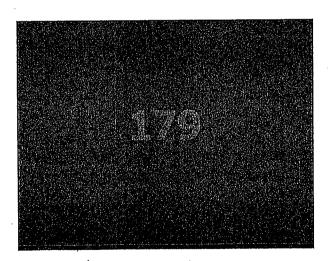
CTLRISK FACTORS

- * NOT WASHING AND DRYING HANDS
- ♦ SWIMMING AND HOT TUBS.
- ♦ USING WATER, SALIVA TO CLEAN CTL
- ♦ NOT REPLACING CTL
- * NOT DRYING OR REPLACING CTL CASE
- ♦ NOT REPLACING CTL SOLUTIONS

CULAND DRY SPEST?

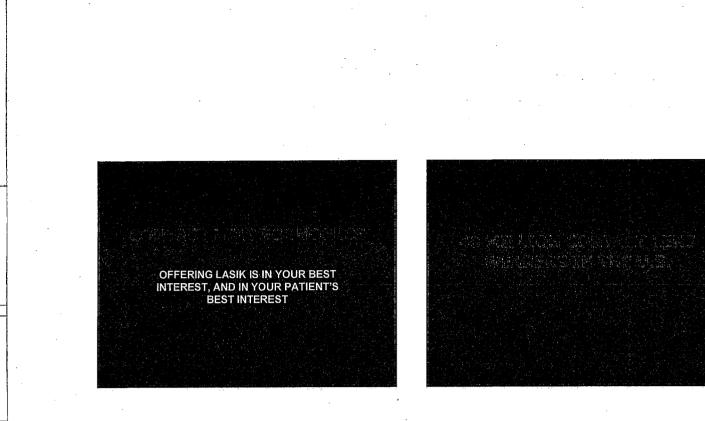
CTL FUNCTIONS AS A BANDAGE LESS BLINKING DIGITAL DEVICES

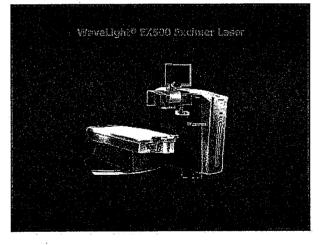
NVISION EYE CENTERS



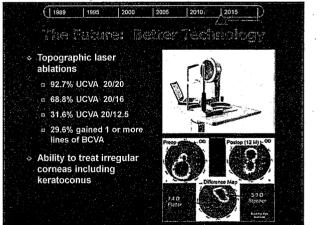
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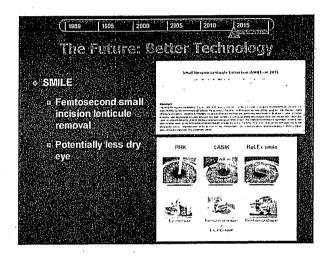
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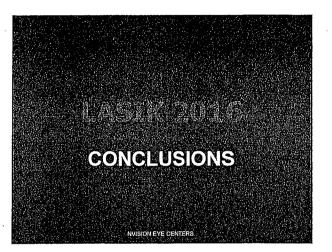


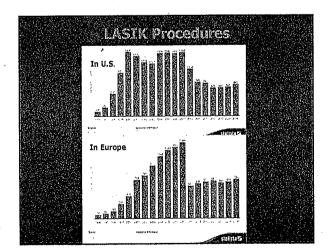


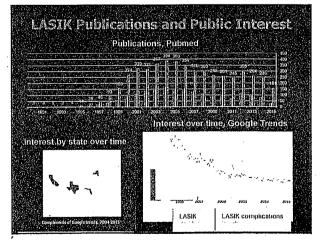
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Is LADIA Worth Saving? The Facts, Fiction and Fittin

- ♦ In spite of LASIK's long clinical and historical presence, misconceptions regarding the risks and benefits of this procedure persist, eroding both the reputation of the procedure and of those in the field that remain its unwavering supporters.
- The aim of this lecture is to explore the myths and realities of the LASIK procedure using an evidenced-based approach and to evaluate upcoming advancements.

201.S

- MISCONCEPTIONS REGARDING RISKS AND BENEFITS
- ◊ EVIDENCE BASED APPROACH

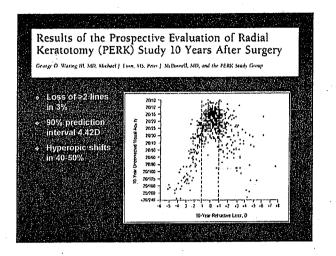
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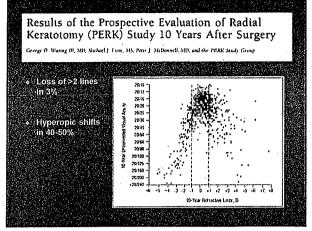
 LASIK IS THE SAFEST, most successful and most studied elective procedure in the world.

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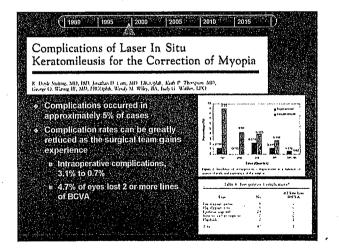
- LASIK has the highest patient satisfaction rate of any elective procedure.
- LASIK results have continually improved as technology and surgical techniques advance and preoperative diagnostic screening and patient selection become more refined.







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UCVA 20/20 or better:	· · · · · · · · · · · · · · · · · · ·	Cohor	2 (%)		Cohort 1 (%	5.
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 ♦ 45% < 7 D ♦ 14% >7′D 	BSCVA	2/477 (0 4)	12/188 (0 3) 3/188 (1 6)	2/483 (0 4) 6/483 (D)	18/254 (7 1) 11/254 (4 3)	0.031
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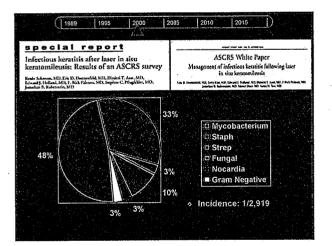
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 Disseminating information about new and emerging treatments to individuals with complications of refractive surgery.

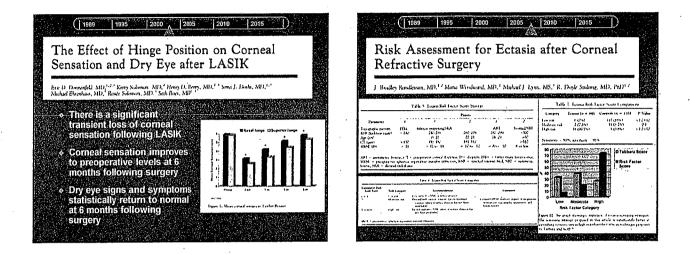
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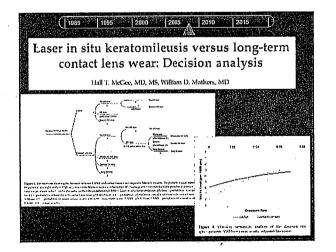
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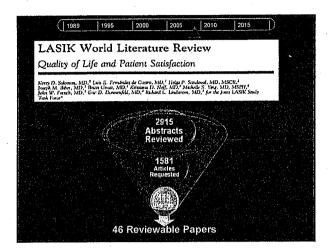


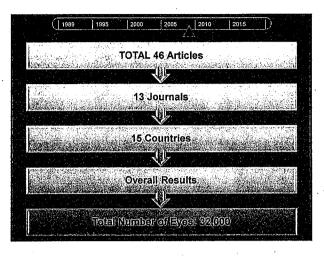
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Incidence and Associations of Retreatment After LASIK	To lift or recut: Changing trends in LASIK enhancement				
her A link ^{(LI), *} frank L _{(R} , (LU), ^(J) linge A Mey, A ^V Ilgher Initial corrections, astigmatism, and older ge are risk factors for LASIK retreatment. Most ASIK flaps can be lifted using the manual schnique described up to 3 years after initial	In State of the second sta				
urgery. Infections Following Laser in Situ Kerntomileusis: An Integration of the Published Literature Ingent A Cary MI XV Society (2014) 7,000, 2017	Corneal Epithelial Adhesion Abnormalities Associated with LASIK				
infrart (Care, 10) AS servey las, bit ya lineal in Ally, all' mportance of changing the microkeratome blade between eyes. Gram-positive and nycobacterial infections were most common in this study.	Corneal epithelial dysadhesion and defects occurring in the course of LASIK surgery may be associated with an intrinsic compromise of the basement membrane adhesion complex.				

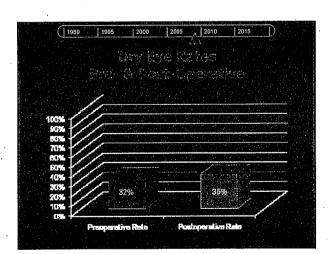




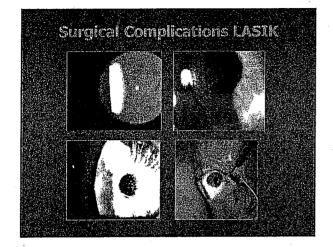
(<u>1985 200</u> FDA F ³ 1,1	lic Hearing
 140 complaints to the FDA after over 10 million procedures Anti-LASIK activists wished to ban the procedure Public testimony included personal stories of depression, suicide or suicidal ideation, and other psychological problems 	When is LASIK not for max







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LASIK Myth #1: Physicians Would Not Have LASIK on Their Own Eyes

♦ LASIK Fact:

- Physicians have among the highest prevalence of having undergone LASIK of any occupation
- Lasik surgeons are 4X more likely to have Lasik than the general population

LASIK Myth #2: The Long Term Effects of LASIK are Not Known

♦ LASIK Fact:

- a LASIK has over a 20 year track record
- Long term studies have shown refractive stability and safety

LASIK Myth #3: Contact Lenses are Safer

Than LASEK

♦ LASIK Fact:

- Daily wear contact lenses are likely less safe than LASIK when worn for 30 years
- Extended wear contact lenses are definitely tess safe than LASIK when worn for 30 years

LASIK Myth #4:

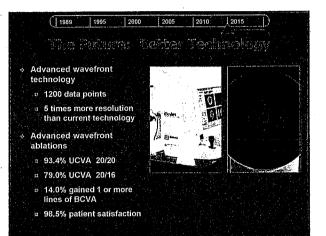
LASUIT Increases the Righ of Glave and Main Comparted 19 Microse

♦ LASIK Fact:

 Modern LASIK improves glare and halo for the majority of patients

 There are a minority of patients who will develop glare and halo that did not have symptoms preoperatively

Tanzer LASIK in Pilots JCRS 2013 Price LASIK vs Contact Lens



Is LASIK Worth Saving? Yes?

- LASIK IS THE SAFEST, most successful and most studied elective procedure in the world.
- LASIK has the highest patient satisfaction rate of any elective procedure.
- LASIK results have continually improved as technology and surgical techniques advance and preoperative diagnostic screening and patient selection become more refined.

Moving Forward

- Our goal is continued improvement of patient satisfaction and 100% of patients seeing the same or better following LASIK than prior to surgery.
- We need to embrace patients who are dissatisfied with their vision following LASIK and never allow them to feel abandoned.
- We need to provide a better informed consent to our patients particularly those with psychiatric disease.
- We need to continue to invest resources into improving the safety and efficacy of laser vision correction.

in Conclusion

 The golden age of laser vision correction is today and tomorrow looks even brighter.

 We should be proud of what we have accomplished.

We should never be satisfied.



Dr. Tooma has performed more than 100,000 LASIK procedures and believes that laser vision correction at NVISION is as safe as it can be. In fact, he has performed LASIK surgery on hundreds of doctors, including 250 eye doctors. That's why NVISION and Dr. Tooma are The Eye Doctors' #1 Choice for their eyes and their patients' eyes. Dr. Tooma believes that the combination of experience and technology gives NVISIONS's patients the highest possible likelihood of achieving 20/20 or better vision through LASIK procedures.

Dr. Tom Tooma

Medical Director NVISION Laser Eye Centers

A pioneer in the world of LASIK surgery, Dr. Tooma has been a principal investigator in the field of laser vision correction since 1993. He helped several excimer laser manufacturers obtain FDA approvals for their lasers in the United States. He holds the record for many firsts: he was the first doctor in California to perform LASIK surgery and was the first to perform custom Wavefront-guided LASIK. He was also the first in the U.S. to use the FemtoSecond Laser (IntraLase FS30 – bladeless all laser LASIK), which is safer and more precise than a traditional blade.

In 2010, Dr. Tooma purchased TLC's interest in the 8 Southern California locations and formed NVISION Laser Eye Centers. At NVISION, Dr. Tooma provides his patients with a lifetime commitment, giving them the assurance that if they need any enhancement surgeries in the future, they can be performed at any NVISION center, for life and at no cost.

Dr. Tooma received his M.D. from Loma Linda University School of Medicine, where he also completed his internship in internal medicine and residency in ophthalmology. He completed his fellowship in Corneal and Refractive Surgery at the Emory University Department of Ophthalmology in Atlanta, Georgia. He has been board certified in ophthalmology for more than 25 years.

For Dr. Tooma, helping patients achieve their vision goals is his passion. "I feel privileged and blessed to participate in what is a life-changing experience for my patients," he said.

In his spare time, Dr. Tooma has served on medical teaching missions to Romania, Bulgaria, China and Fiji, helping teach local ophthalmology doctors new surgical techniques. In 2008, he and his wife, Marta Tooma, D.D.S., founded the Mission at Natuvu Creek in Fiji. The Mission serves the 250,000 people living on the island, with medical, dental and eye care provided by visiting physicians, including the Toomas.

SION | NVISIONCenters.com

Blography

Education	
1975 1979	B.S. in Biochemistry, Magna Cum Laude, Loma Linda University M.D., Loma Linda University School of Medicine
Professional Training	
1980 1983	Internship in internal medicine, Loma Linda University Medical Center Completed a residency in ophthalmology, Loma Linda University Department of Ophthalmology
Fellowships	
1984	Fellow in Corneal Surgery & External Disease, Emory University Department of Ophthalmology, Atlanta, GA
Board Certification	
1984	American Board of Ophthalmology
Professional Affiliations	
 American Society of Cataract & Refractive Surgery International Society of Refractive Surgery Castroviejo Corneal Society American Academy of Ophthalmology And many others 	
University & Hospital Positions	

- Chief, Department of Ophthalmology, Loma Linda University Community Hospital
- Director of Cornea Service, Department of Ophthalmology, Loma Linda University
- Director of Refractive Surgery, Department of Ophthalmology, Loma Linda University

1-877-91-NVISION NVISIONCenters.com



Medical Doctor Curriculum Vitae

As of July 17, 2015

Thomas Tooma, MD

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75 Enterprise, Suite 200, Aliso Viejo, CA 92656 p: 949.274.4652 • f: 949.509.4858 • e: info@nvisioncenters.com • w: www.nvisioncenters.com



MEDICAL BOARD OF CALIFORNIA

Executive Office



January 31, 2011

Tom S. Tooma, M.D. 3501 S. Jamboree Road, Suite 1100 Newport Beach, CA 92660

Physician's and Surgeon's Certificate No. G 42262 RE: Case No. 04-2008-195312

Public Letter of Reprimand

An investigation by the Medical Board of California revealed you failed to document a preoperative examination and develop a surgical plan before meeting with a patient.

These actions constitute a violation of Business and Professions Code 2266.

Pursuant to the authority of the California Business and Professions Code section 2233, you are hereby issued this Public Letter of Reprimand by the Medical Board of California.

Linda K. Whitney Executive Director