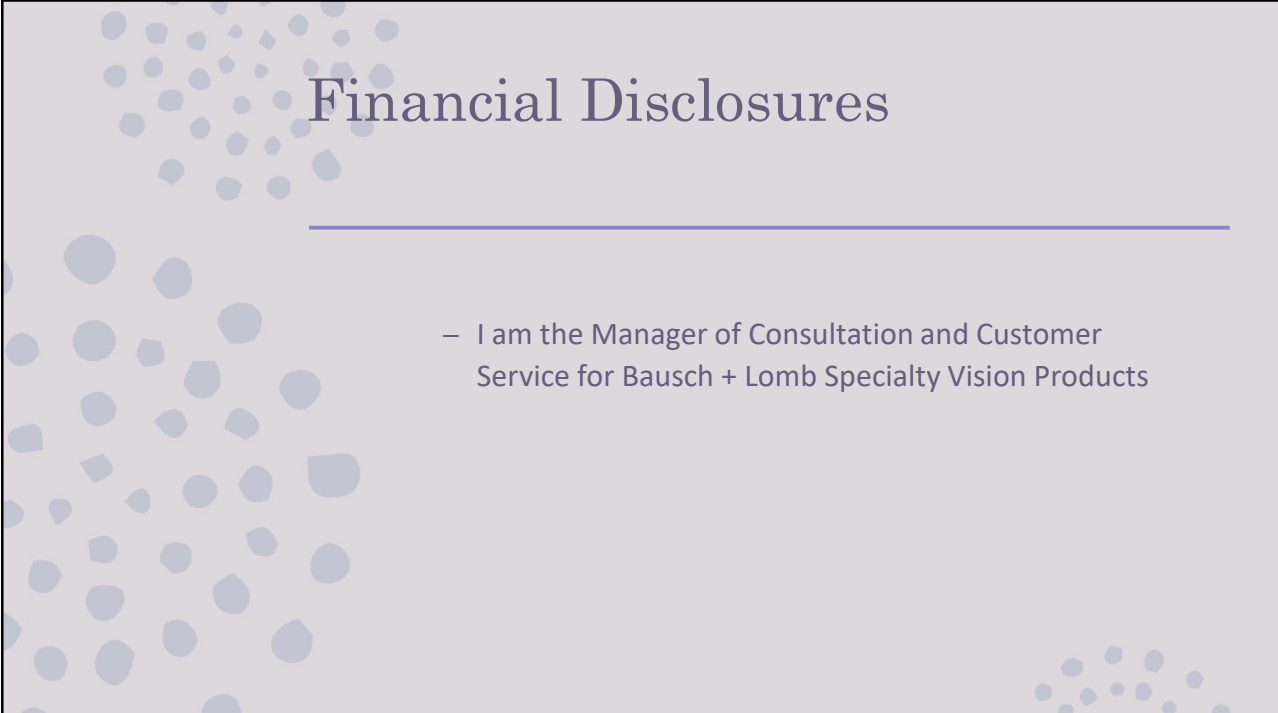


Finding Our Passion and Purpose While Changing Patients Lives

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Financial Disclosures

- I am the Manager of Consultation and Customer Service for Bausch + Lomb Specialty Vision Products

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Passion vs. Purpose

- “If you wanted to start a campfire with passion and purpose, you’d start with a foundation of wood (your purpose) and start the flame with a match (your passion).” – Jessica Lauren DeBry

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Passion vs. Purpose

- Can you tell the difference between having a ‘passion’ and knowing your ‘purpose’ in life?
- Many people tend to confuse the two in their lives
- They end up doing something that they’re passionate about for a short time, thinking that it’s their purpose, but ending up finding that their life is missing something.

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Passion vs. Purpose

Passion is:

- your emotions behind your dreams.
- your feelings that drive your passion.
- sometimes about selfish motives.

Purpose is:

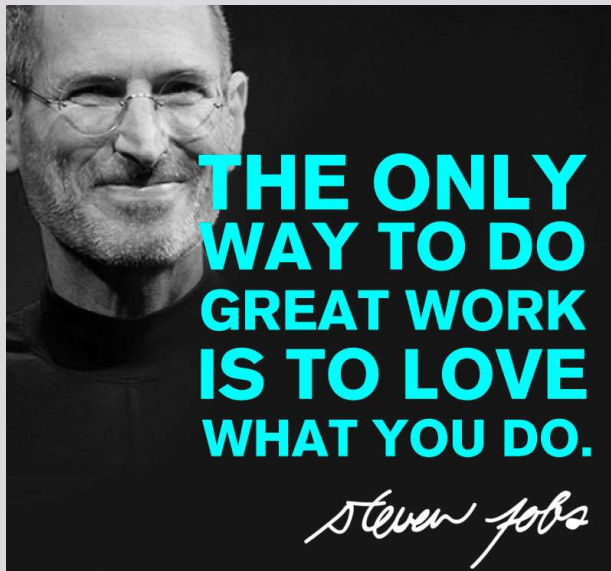
- the **WHY** behind it all.
- the deep reason for your existence
- significantly focused.

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Passion vs. Purpose

- Knowing the difference between your passion and your purpose can:
 - make it easier for you to do the things that you're passionate about without burning yourself out
 - it also can guide you towards your true purpose in life.

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Why is this important?

- Studies show that:
 - Employees that are passionate about their job will be both happier and more productive at work.

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A landscape photograph showing a coastline with waves crashing against rocks in the foreground. In the background, there are mountains under a hazy sky. The image is framed by a light purple border with a pattern of small, darker purple circles on the left and bottom edges.

Follow your passion. It will
lead you to your purpose.

Oprah Winfrey

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Remember

- Not every day is going to offer us a chance to save somebody's life, but every day offers us an opportunity to affect one.

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Sharing Experiences that have changed MY life

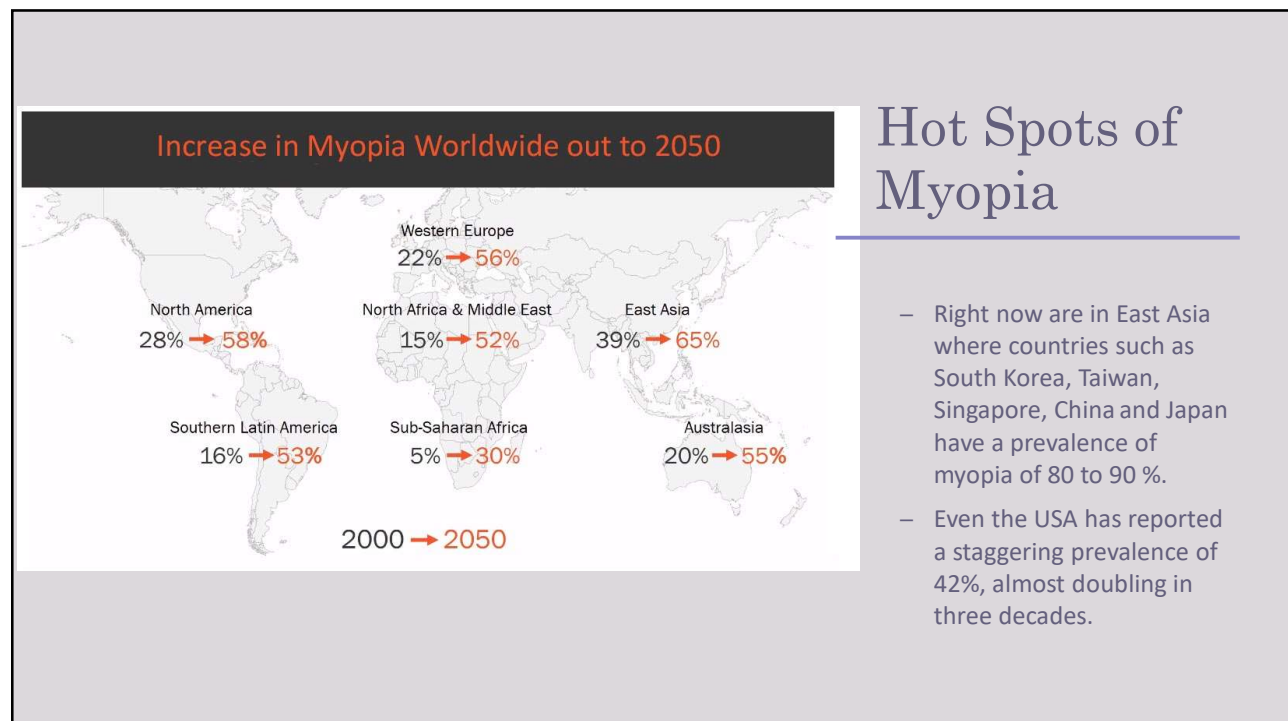
- Often while we are helping others,
our lives are changed as well
- Living out my PASSION and my PURPOSE

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Passionate about Myopia Control

- A public health epidemic
 - Recent rapid rise in the prevalence of myopia globally
 - Future projections of myopia reveal that there will be 5 billion myopic people in 2050.
 - 1 billion high myopes by 2050
- Myopia to become a leading cause of permanent blindness worldwide

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Myopia

-
- Factors that are contributing to Myopia growth
 - Genetics
 - Lack of outdoor activities
 - Prolonged use of mobile devices and intense near work

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Types of Myopia Control

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- Atropine eye drops
 - Distance Center Multifocal Soft Contact Lenses
 - Multifocal eyeglasses
 - Orthokeratology or Corneal Refractive Therapy (CRT)

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Atropine eye drops

- Commonly are used to reduce the pain associated with certain types of eye inflammation
- Also relieves focusing fatigue by dilating the pupil and temporarily limiting the eye's ability to automatically change focus or accommodate.
- The effect atropine has on accommodation makes it effective in reducing the progression of myopia in children.
- Some studies have shown that atropine is the most effective way of controlling myopia; reducing myopia by 77%

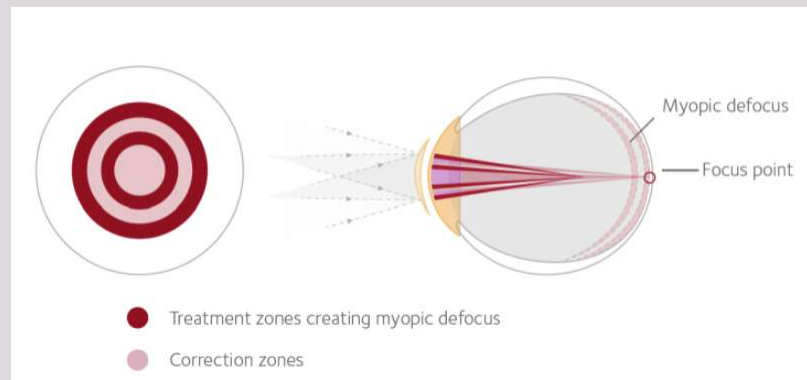
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Distance Center Multifocal Soft Contact Lenses

- Primarily designed to provide clear vision at all distances for people who have refractive errors and presbyopia.
- One recent two-year study found:
 - Myopic children who wore multifocal lenses daily had a 50% reduction in the progression of their myopia when compared with similarly myopic children who wore regular soft contacts for the same period.
- New daily disposable from CooperVision called MiSight launched 2020
 - FDA approved to slow the progression of myopia in children, aged 8-12 at the initiation of treatment

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Design & Concept CooperVision MiSight



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Multifocal Eyeglasses

- Have been shown to slow myopia progression in children.
- Most studies that have evaluated the use of multifocal eyeglasses for myopia control in children have found the glasses had only a mild slowing effect.
- However, one three-year study of Chinese-Canadian children with progressive myopia found that wearing multifocal eyeglasses slowed the worsening of myopia by 51% (compared with matched children who wore regular eyeglasses for myopia correction).

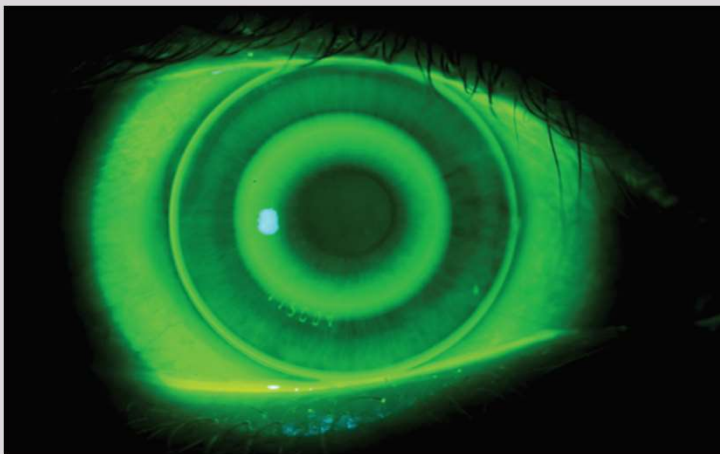
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Orthokeratology or Corneal Refractive Therapy (CRT)

- Specially designed gas permeable lenses that are worn overnight to temporarily correct myopia, hyperopia and astigmatism by reshaping the cornea.
- The use of overnight corneal reshaping with contact lenses for the temporary reduction of myopia was FDA approved in June 2002
- 25 different Corneal Reshaping lenses available
- One two-year study of myopic Chinese children (ages 6 to 10) found that CRT lenses reduced lengthening of the eyeball by 43% compared with matched children who wore regular eyeglasses for myopia correction.

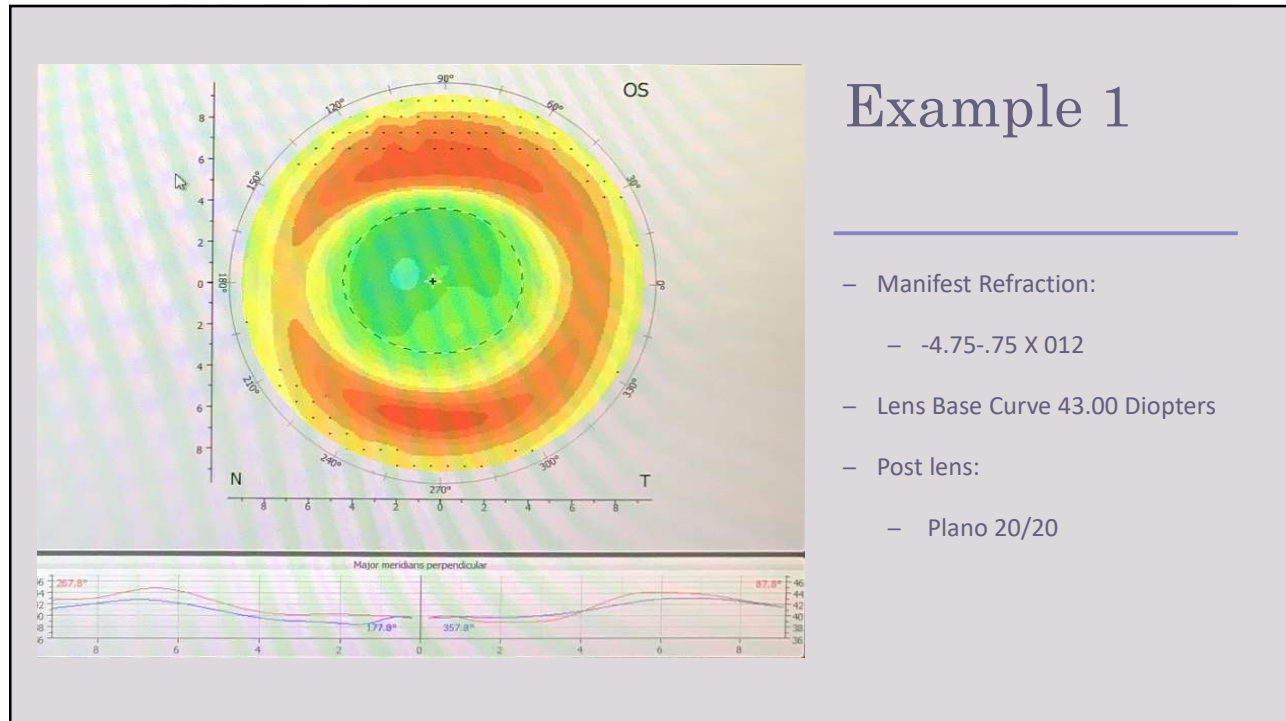
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CRT Lens Design

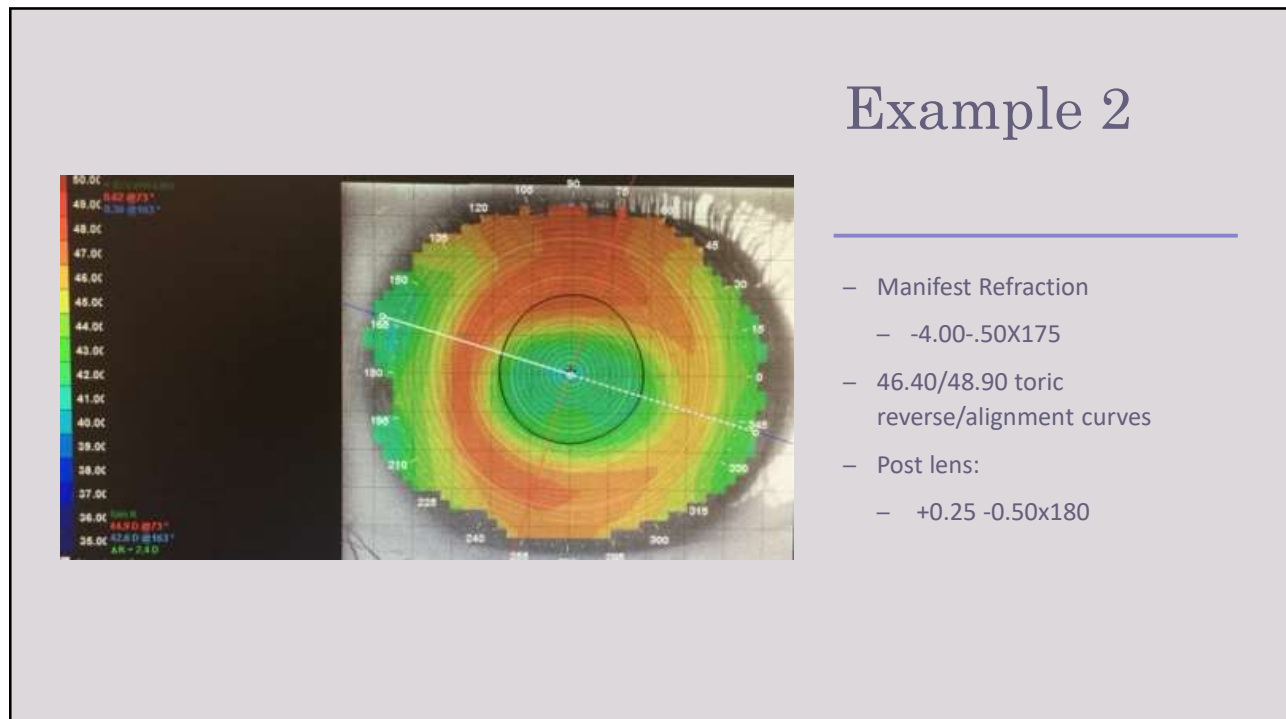


- Lenses are manufactured in high oxygen materials
- The base curve will determine how much myopia is reduced and the alignment curve will control centration.

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Passionate about Medical Contact Lenses

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Case History: Linda



63 y/o bank teller



RK OU 1984 24 cuts each eye



NPK OD (3/31/16); scheduled NPK OS March 2017

NPK stands for "non-penetrating keratoplasty"

Intra-stromal double purse-string sutures are placed in the cornea to promote corneal re-steepening and corneal strengthening



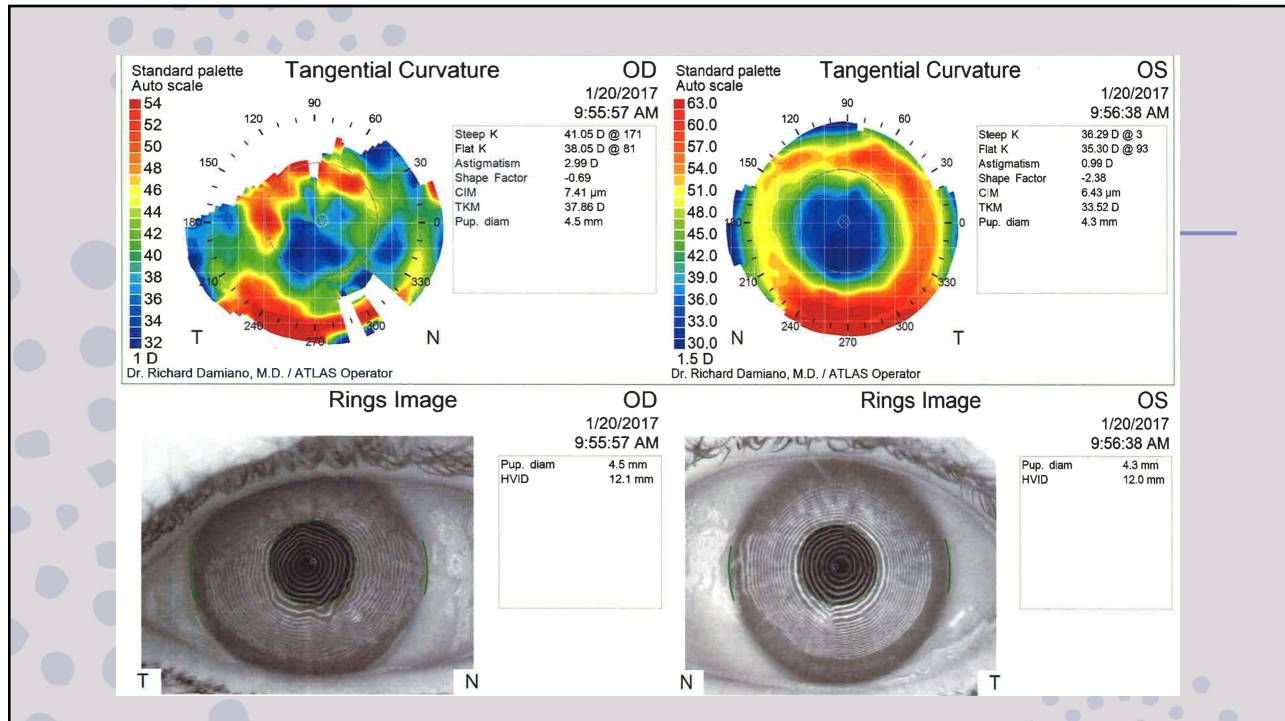
Manifest Rfxn:
OD +7.50 -5.25 x 87 20/40 +2.25 add J2

OS +7.00 – 4.25 x 90 20/30- 1 +2.25 add J2



No full time contact lens wear x 20 years; only worn GP lenses by history; discontinued lenses due to poor comfort; would like better vision overall

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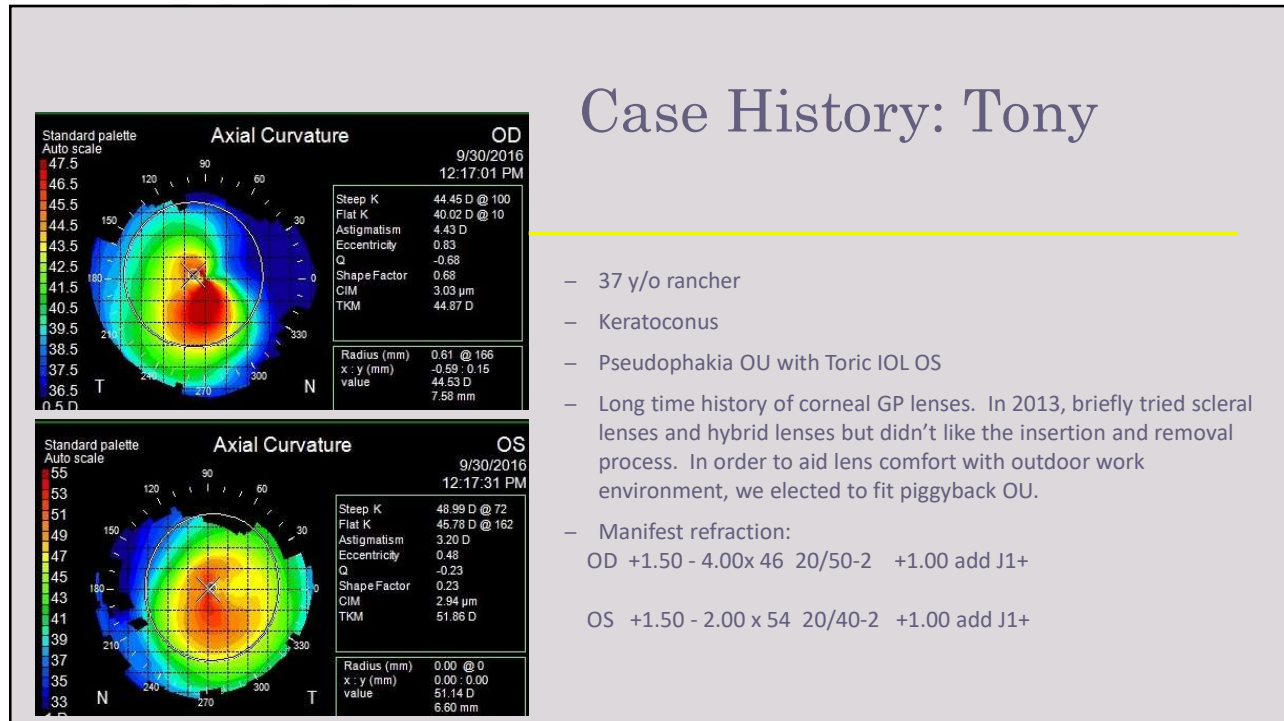


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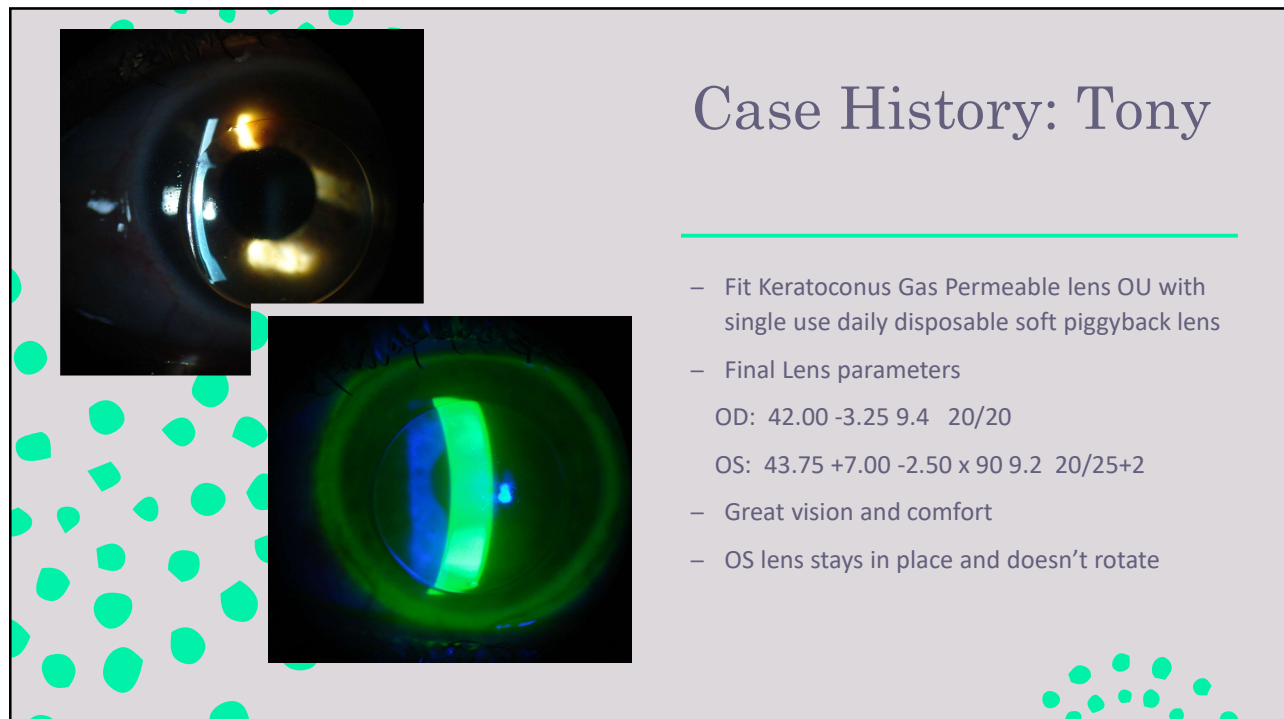
Case History: Linda

- Ordered: 8.00 -8.25 16.6
- VA 20/20-1
- At 1-week follow-up doing great with vision and comfort.
- Patient wearing 14 hours/day.
- No changes needed in fit or RX.
- Lens removes easily. No discomfort with lens removal.
- No blanching. No fogging of vision during lens wear.

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Case History: Dylan



24 y/o student and competitive video gamer



2016: PK OU due to corneal scarring from ulcers from ocular rosacea/blepharitis



No previous contact lens wear



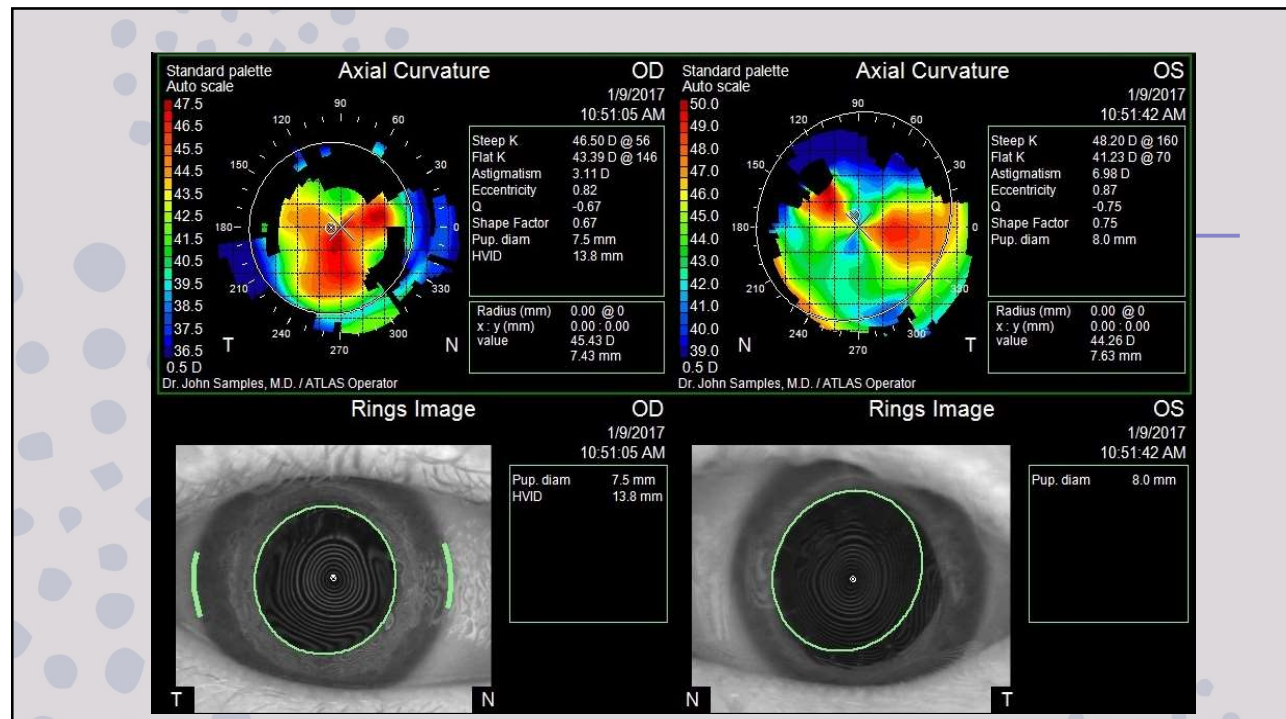
Manifest refraction
OD: -8.50 - 2.00 x 156
20/40-2

OS: -4.25 - 4.50 x 100
20/60



Agree to fit OU scleral to vault corneas and give maximum vision and comfort.

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Case History: Dylan

- Lenses remove easily without discomfort or redness
- Ocular surface irritation much better with tear layer from scleral
- Can wear lenses 14-16 hours/day
- 20/20+ OU

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Case History: Evan

26 year old white male

Motor vehicle accident January 2005

Multiple facial lacerations

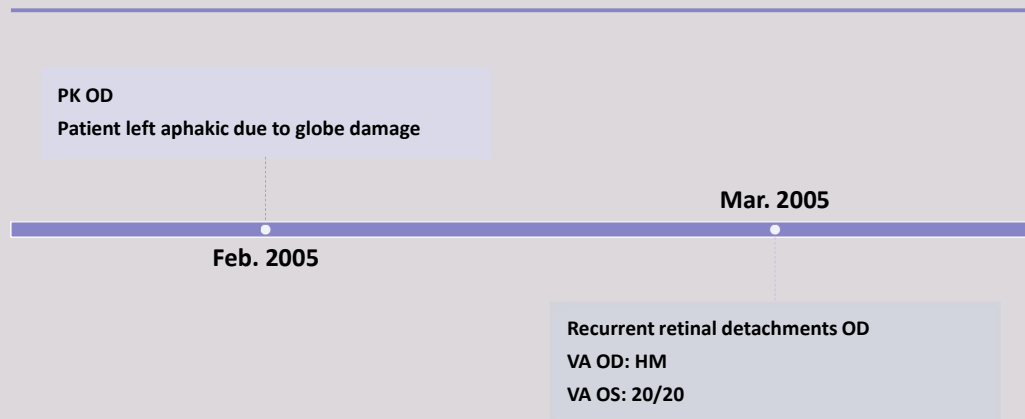
Ruptured globe OD

Small corneal abrasion OS

Retinal detachment
Vitreous prolapse
Hyphema

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Case History: Evan



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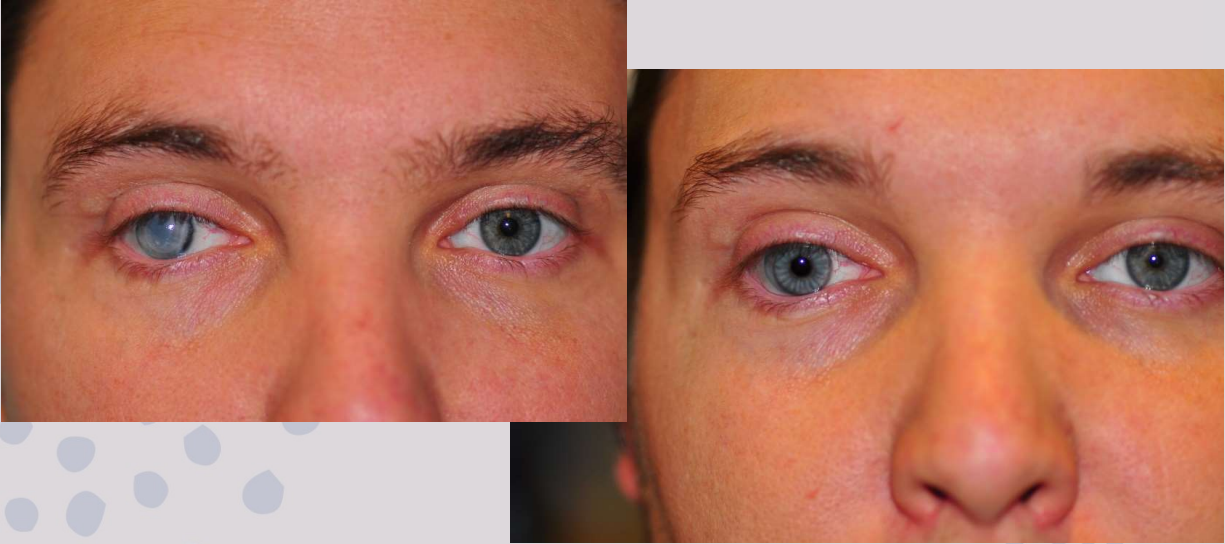


Case History: Evan

- Complete Iris loss OD
- BCVA OD: HM due to recurrent retinal detachments
- September 2012
 - Sent for contact lens evaluation for evaluation of cosmetic contact lens to cover opaque cornea
 - OD is now exotropic due to sensory deprivation

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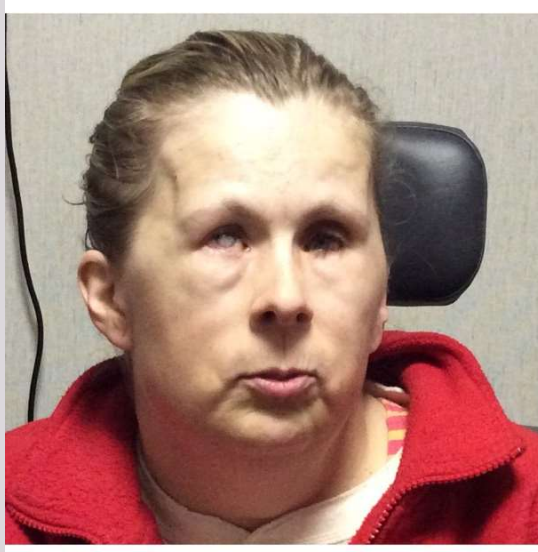
Case History: Evan



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Case History: Susan

- Susan is a 49 y/o Massage Therapist
- Diagnosed with Stickler Syndrome as a child
 - A systemic connective tissue disorder characterized by defective collagen production. The hereditary conditions are characterized by a distinctive facial appearance, eye abnormalities, hearing loss, and joint problems.
- Stickler's causes severe myopia. Children who have Stickler syndrome often experience cataracts, glaucoma and retinal detachments.

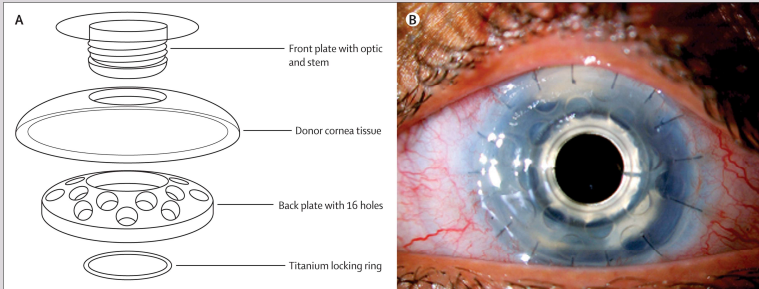
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Susan's Visual Complications

OD	OS
5 Retinal Detachments OD from 2000-2002 resulting in NLP OD	3 Retinal Detachments OS from 2005-2007
Opaque K OD due to Bullous Keratopathy	1 st PK OS in 2006 due to Bullous Keratopathy
	2 nd PK OS in 2007 due to graft rejection
	3 rd PK OS in 2012 resulting in graft rejection
	4 th PK OS in 2016 resulting in Bullous Keratopathy
	Keratoprosthesis (KPRO) OS in 2017

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Keratoprosthesis (KPRO)



- **Keratoprosthesis** is a surgical procedure where a diseased cornea is replaced with an artificial cornea. Traditionally, Keratoprosthesis is recommended after a person has had a failure of one or more donor corneal transplants.

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Post KPRO OS 2017

- After a KPRO procedure, it is important to protect the ocular surface from corneal melting or corneal perforation.
- Due to Susan's eye structure and severe ocular dryness, she could not keep a soft lens over the KPRO to prevent corneal melting.
- Over the course of 6 months, she would lose a soft lens every few weeks.
- Her Corneal Specialist referred her to the Contact Lens Department to fit her with a custom soft lens or whatever lens modality in order to help protect her ocular surface.

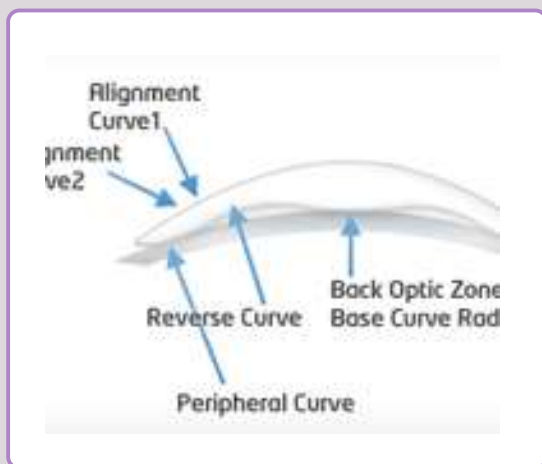
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Specialty Contact Lens

- Initial contact lens evaluation 6-2018
- VA sc OD: NLP; OS CF 1'
- HVID OS due to ocular anatomy 9.8 mm
- Elected to fit Susan with a large diameter gas permeable lens
- Would essentially fit like a scleral on her eye since her HVID is so small
- The benefit of the scleral lens, similar to that of a patient with severe ocular surface disease, would be to trap the tear layer over the cornea in an effort to rehabilitate the ocular surface
- Was unable to obtain topography due to extremely flat measurement centrally over KPRO

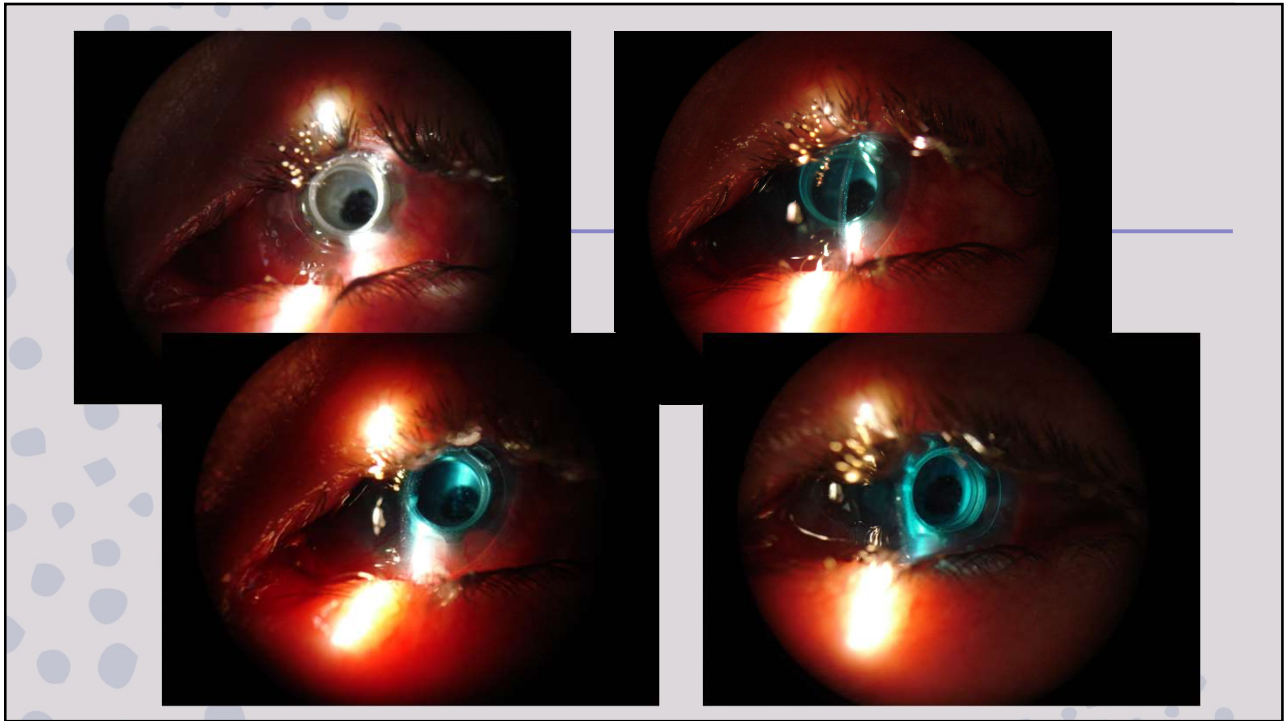
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Lens Parameters and Results



- 4 D Reverse Geometry lens due to the extremely flat optic of the KPRO and slightly steeper periphery (A standard spherical GP lens had a persistent central bubble)
- 940mm BC (35.90 D) +11.62 D 10.6mm
- Vision OS with lens during fitting: 20/400
- Vision OS at 2-week follow-up: 20/200
 - No K melting; Ocular surface quiet
- Vision OS after 3 months of wear: 20/100
 - Ocular surface continues to stay quiet
- Susan's estimated BCVA is 20/100 due to the multiple RD's OS

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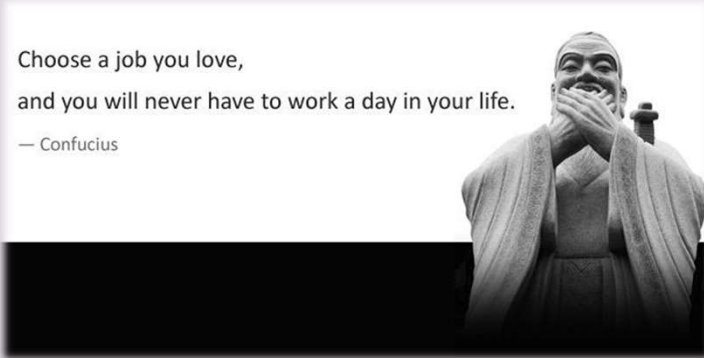
Quality of Life

- Susan continues to work full time as a Massage Therapist
- She travels and lives a very independent life
- She can put in and take out her lens without assistance
- Her husband does help her with cleaning the lens
- Susan has taught me so much about persevering through any obstacle and celebrating the small successes
- For Susan, having 20/100 vision is life-changing for her
- We must be reminded that vision is often about being 20/HAPPY instead of 20/20

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Choose a job you love,
and you will never have to work a day in your life.

— Confucius



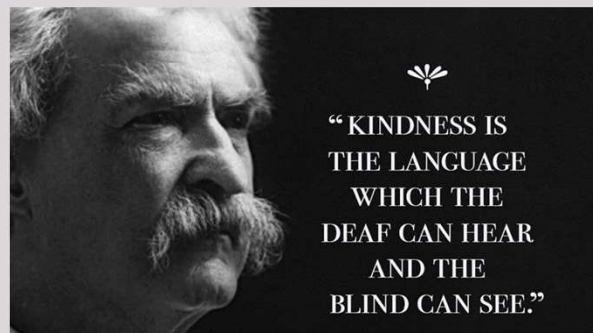
So ask yourself...

- What are you passionate about?
- What is your purpose?
- Is being an Optician just a job or is it your career?
- Are you living your best life to be fulfilled everyday in what you do?

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Thank you

- For helping me to express what I am passionate about
- For helping me to fulfill my purpose to educate and give back to the profession that I love so much!



“KINDNESS IS
THE LANGUAGE
WHICH THE
DEAF CAN HEAR
AND THE
BLIND CAN SEE.”

Mark Twain

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