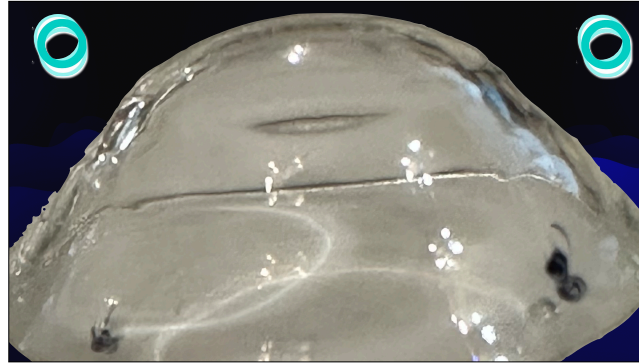


CONTACT Connect



The Story of
Modern
Scleral
Lenses in
Practice



Scleral
Lenses
Change
Lives



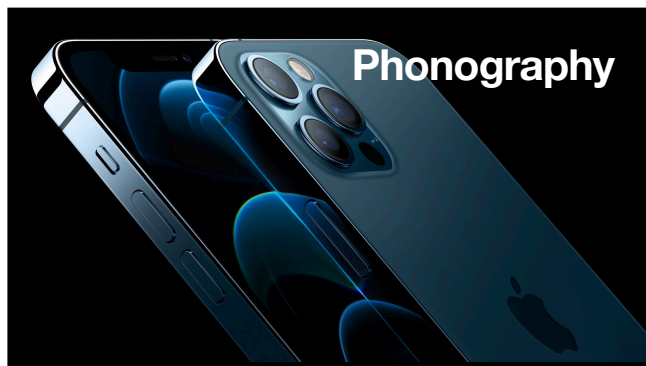
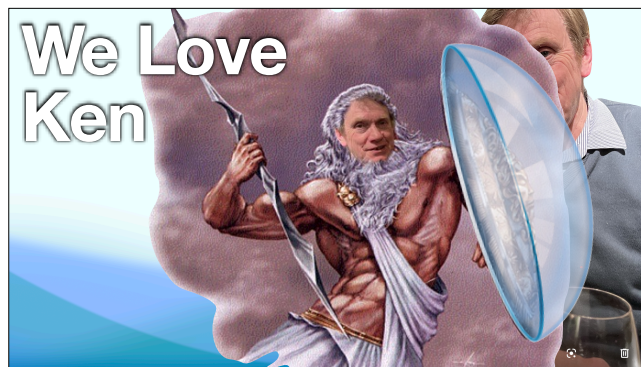
Sclerals ROCK

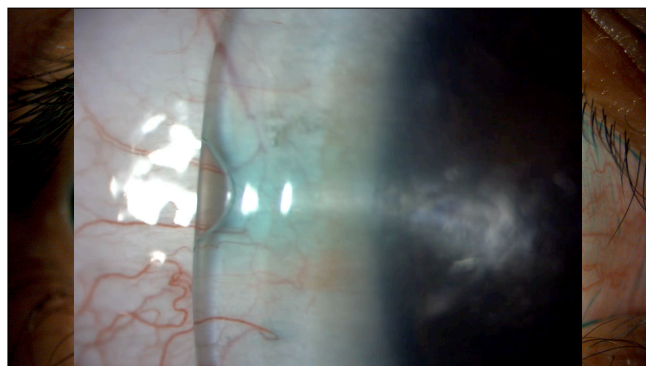
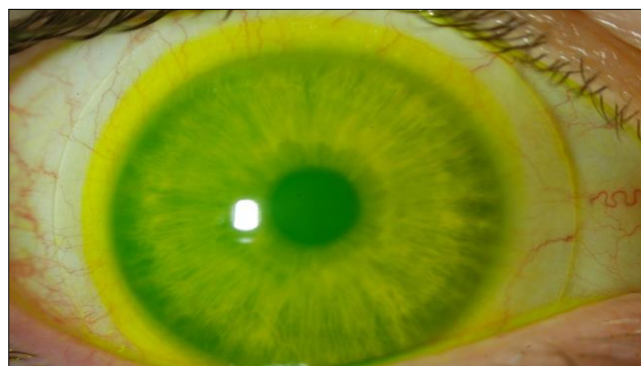
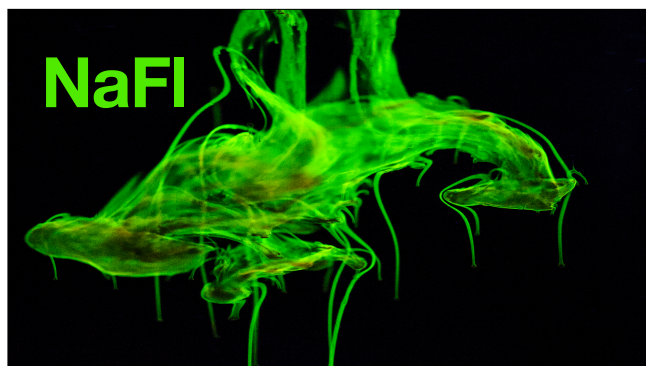
From Simple to Super to **Success**

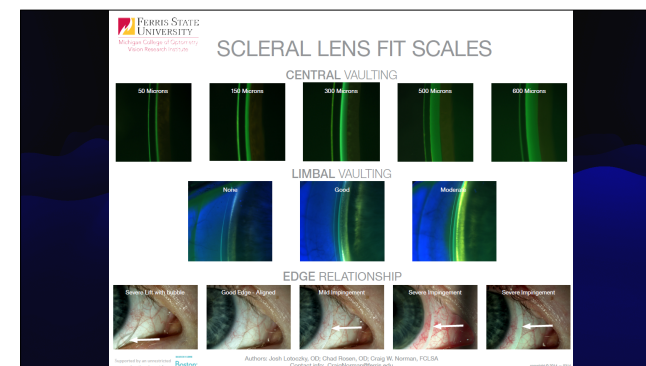
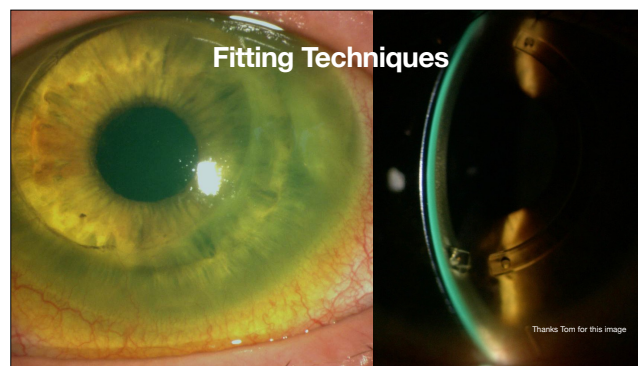
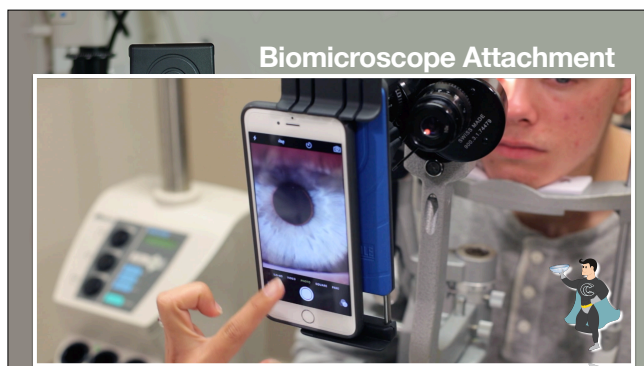
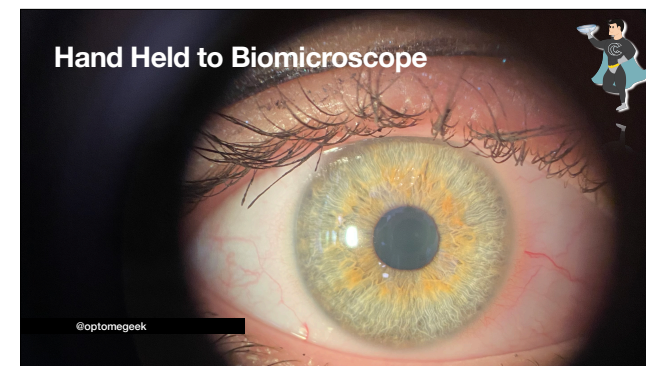
Brian Tompkins

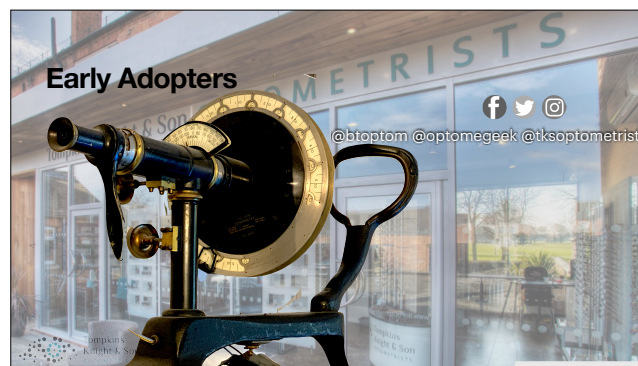
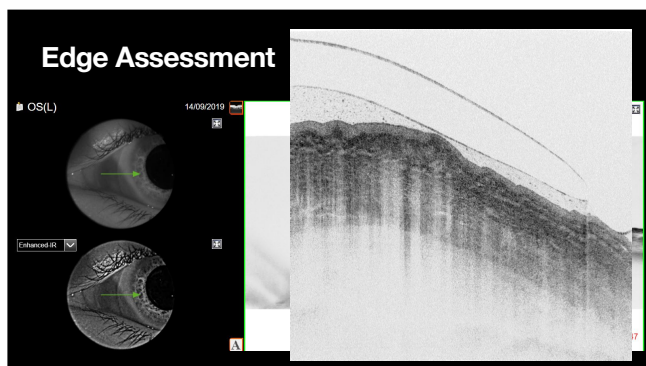
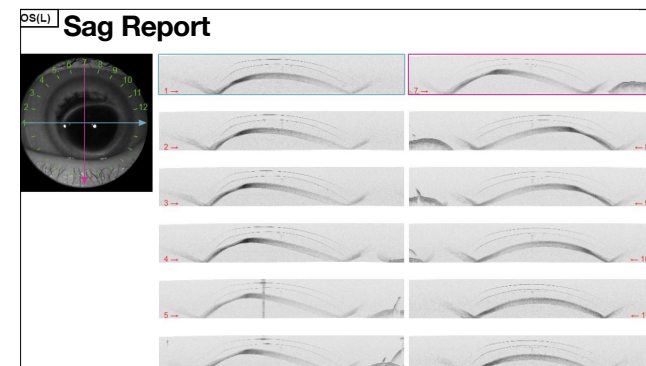
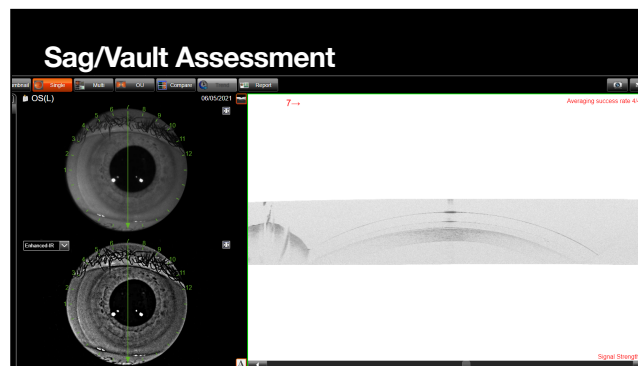


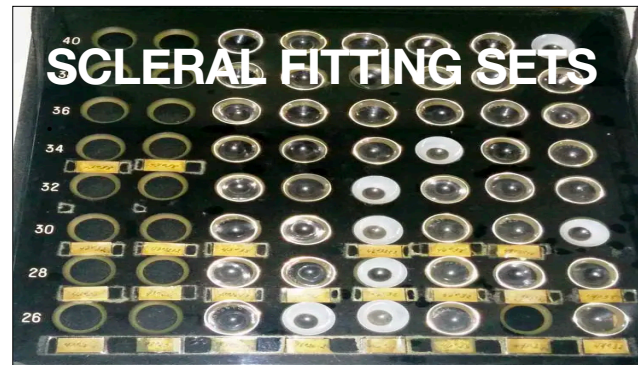
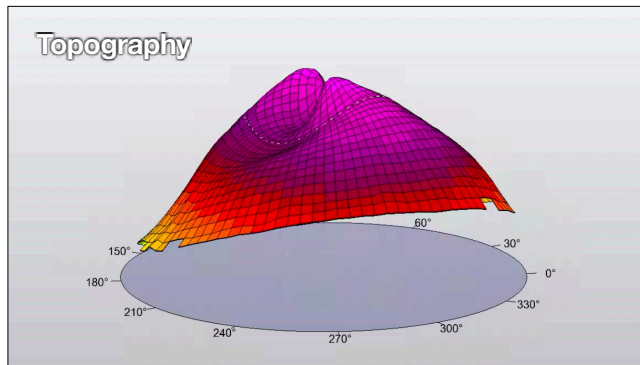
CAN ANYONE FIT SCLERALS





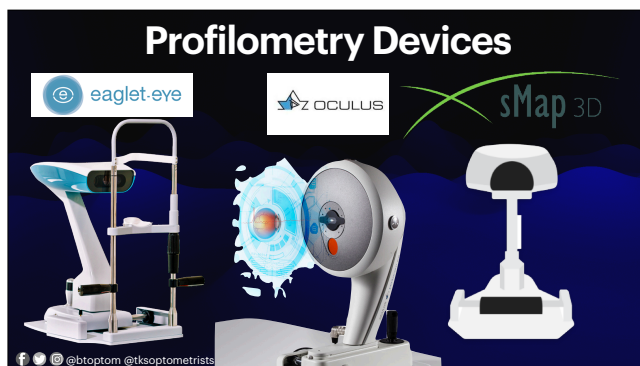




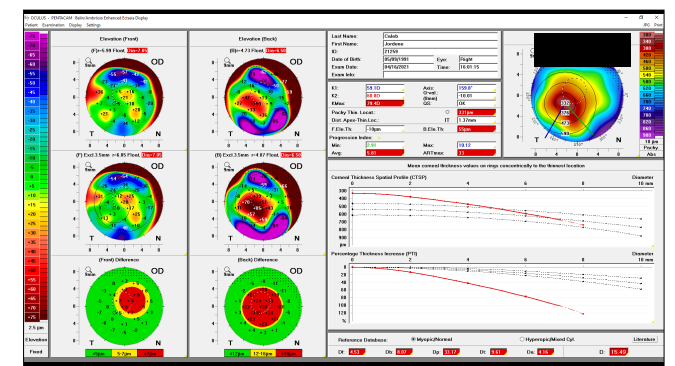


EMPIRICAL AND BESPOKE FITTING IS GETTING ((hand icon)) easier

[f](#)
[t](#)
[i](#)
[@btoptom](#)
[@tksoptomtrists](#)



Anterior Segment TOMOGRAPHY



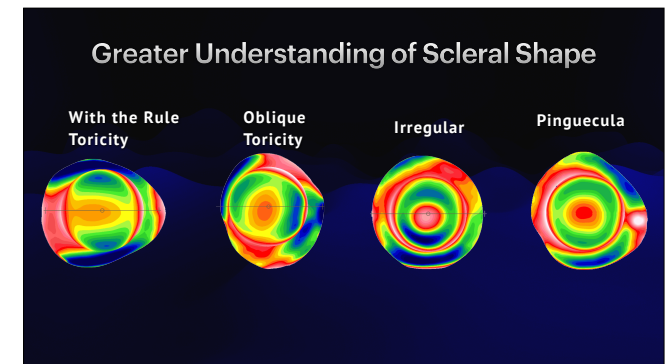
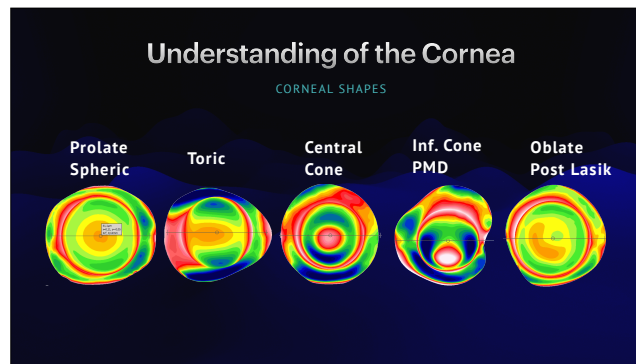
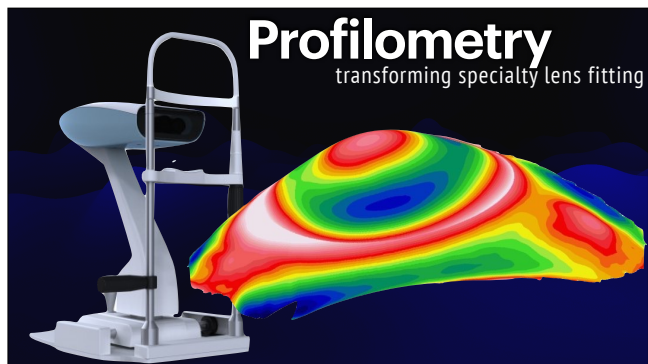
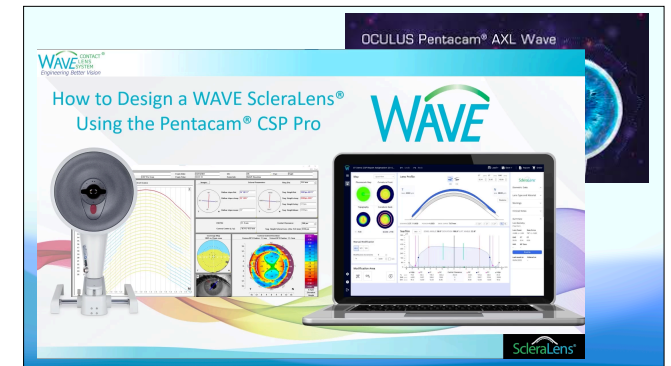
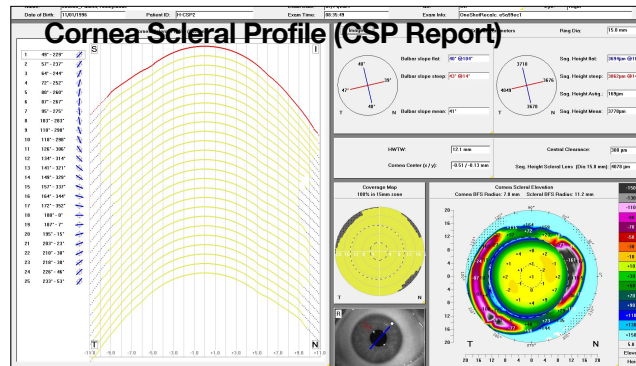
Standard Pentacam Scan

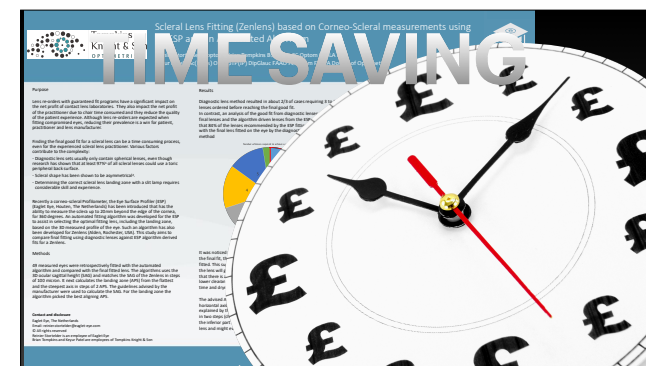
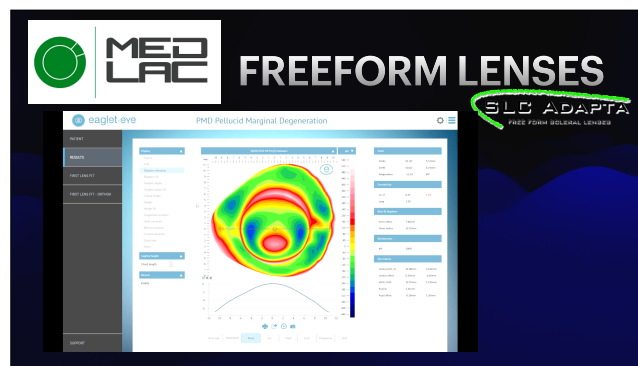
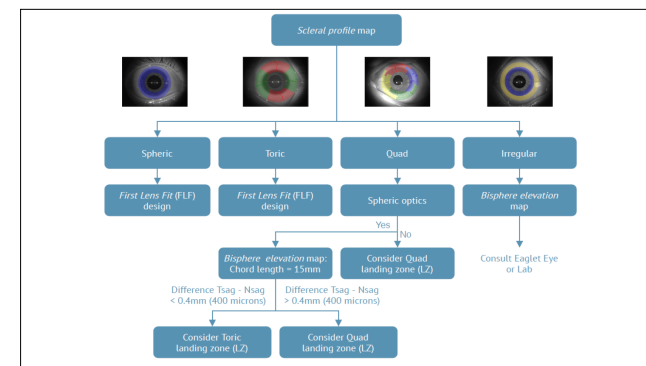
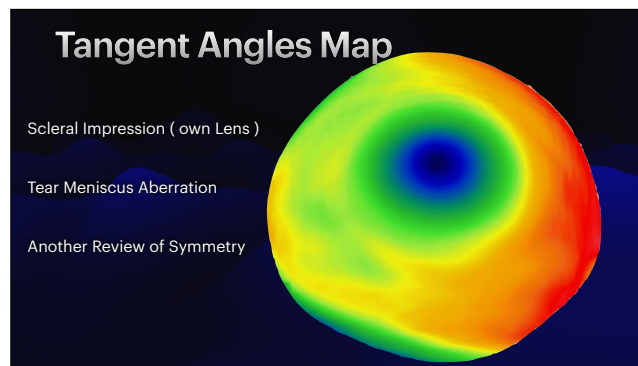
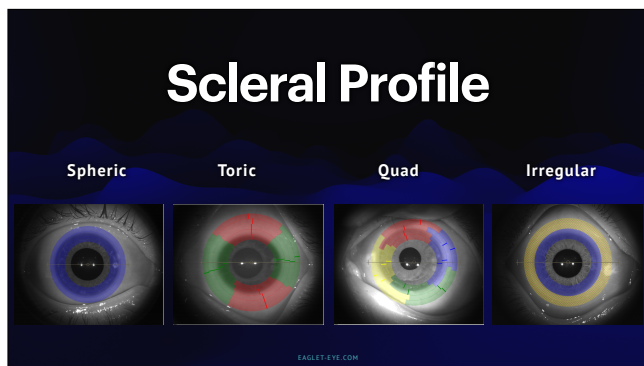
- Cornea: Ideal illumination
- Sclera: Overexposed
- Measurement coverage = 12 mm

Pentacam CSP Scan

- Cornea: Underexposed
- Sclera: Ideal illumination
- Stitching multiple scans together.
- Measurement coverage = 18 mm

The image displays two rows of eye scans. The top row, labeled 'Standard Pentacam Scan', shows a bright, overexposed sclera and a well-illuminated cornea. The bottom row, labeled 'Pentacam CSP Scan', shows a dark, underexposed cornea and a well-illuminated sclera. Red arrows point to the respective areas in both scans. To the right of each row is a corresponding photograph of an eye with a green circular overlay indicating the measurement area. The top photograph shows a smaller green circle, while the bottom photograph shows a larger green circle, illustrating the increased measurement coverage of the CSP scan.





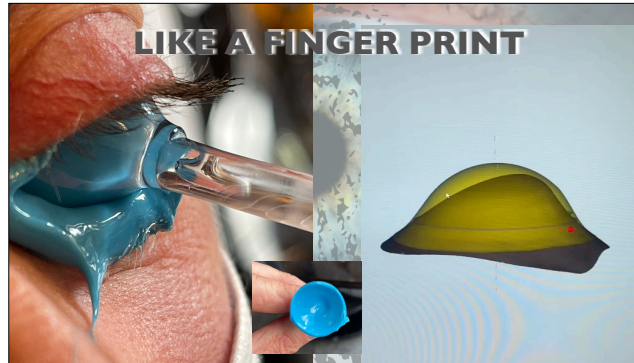
EYEPRINT PROSTHETICS



EyeFitPRO
by EyePrint
PROSTHETICS

EyePrintPRO
by EyePrint
PROSTHETICS

LIKE A FINGER PRINT



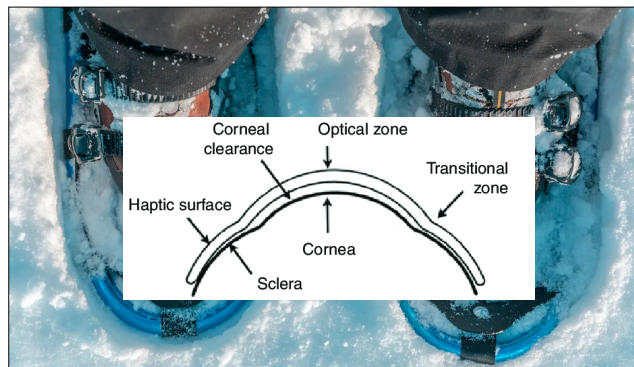
LIKE A FINGER PRINT



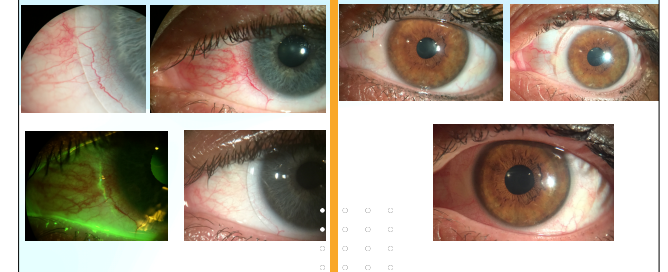
Screwing UP A SCLERAL

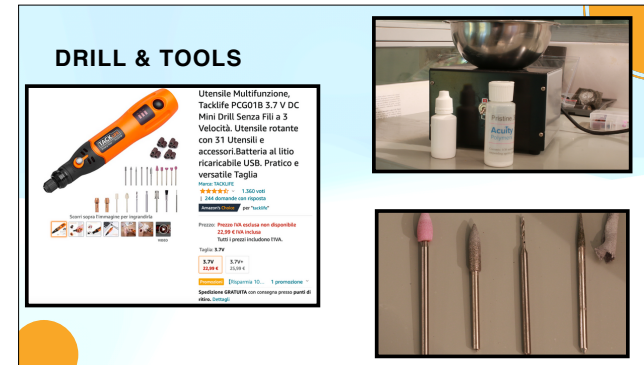
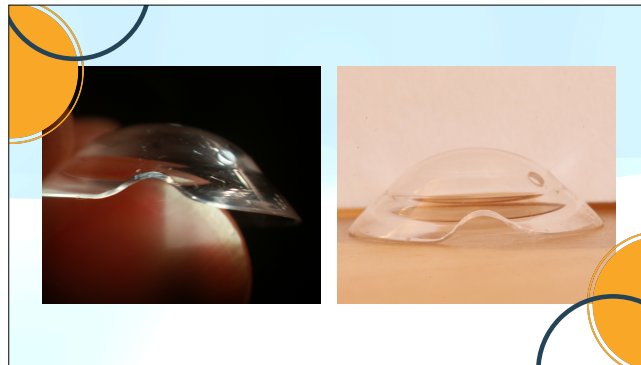
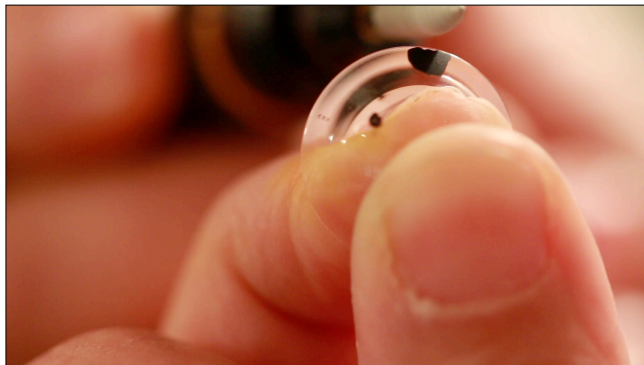
Or
Saving a Patient

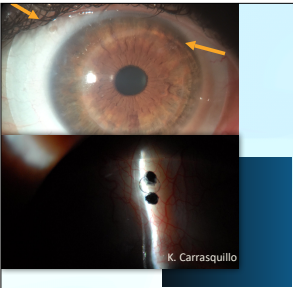
HUGE THANKS TO DADDI FADEL & EUROSOCLE



Diameter & Irregular Conjunctiva







Fenestration

- Indications for fenestration in the limbal area:**
 - Easier to apply and remove
 - Do not need to be filled with saline
 - Reduces midday fogging
 - Reduces lens suction
 - Reduces compression reduce corneal edema
- The lens back surface area should relate as closely as possible to the corneal contour
- Central vault should not exceed 100-150 μm
- Limbal vault needs to be about 75-100 μm
- Indications for fenestration in the landing zone:**
 - Reduces lens suction

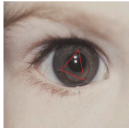
TOPICAL REVIEW

Fenestrated Scleral Lenses: Back to the Origins? Review of Their Benefits and Fitting Techniques

Daddi Fadel, DOptom¹* and Donald F. Ezekiel, AMDipOpt(WA), FAAO²

SIGNIFICANCE: This review illustrates the history of fenestrated scleral lenses, reporting personal communication from one of the present authors; describes their peculiarities and disadvantages; explains the fitting methods so far used; and recommends future fitting methods.

Indications and benefits of scleral lenses are widely described in the literature. The introduction of more advanced gas-permeable materials allowed scleral lenses to spread and be available to patients worldwide. Despite the improvement of the gas-permeable scleral lens' clinical performance, complications associated with corneal hypoxia persist, especially in patients with corneal endothelial abnormalities. Fenestrated scleral lenses may solve different complications caused by hypoxia. Also, fenestrated scleral lenses may be beneficial for several issues such as handling difficulties, midday fogging, lens suction, lens instability, conjunctival compression, and alteration of IOP. There is a need and a benefit to directly comparing fenestrated scleral lenses to sealed gas-permeable scleral lenses. This topical review allows practitioners to understand the fenestration philosophy in scleral lenses, practice better, and obtain information on their indications and fitting process. Industry and patients will benefit from future advances in scleral lens designs.



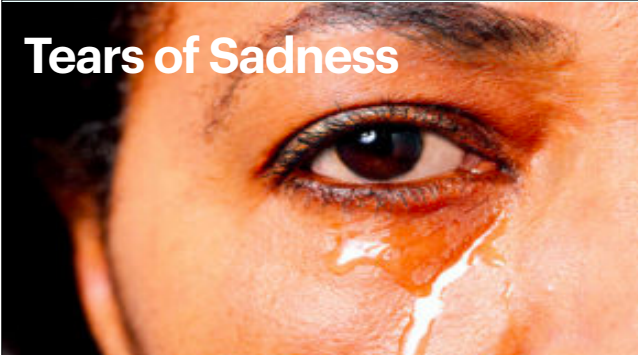

PATIENT RB

**20+ Year Grafts
Both beginning to Fail
David Gartry suggested sclerals
Moorfields tried Ken Versions**

PATIENT RB




Tears of Sadness



Tears of Happiness





Essential aspects for a specialty lens practice

eaglet-eye

TECHNOLOGY
BUSINESS GROWTH
CLINICAL RELEVANCE

A diagram showing three interconnected circles. The left circle is labeled 'TECHNOLOGY' and contains a magnifying glass icon. The middle circle is labeled 'BUSINESS GROWTH' and contains a line graph icon. The right circle is labeled 'CLINICAL RELEVANCE' and contains a heart icon. The circles are connected by a blue line. To the right of the circles is an image of a specialized lens machine.

Essential aspects for a specialty lens practice

eaglet-eye

TECHNOLOGY
BUSINESS GROWTH
CLINICAL RELEVANCE

- Profilometry
- Innovation: lens designs & lens fitting
- Business opportunity
- Grow your practice
- Profitability
- Indications
- Patient access
- Big trends: sclerals & myopia

A diagram showing three interconnected circles. The left circle is labeled 'TECHNOLOGY' and contains a magnifying glass icon. The middle circle is labeled 'BUSINESS GROWTH' and contains a line graph icon. The right circle is labeled 'CLINICAL RELEVANCE' and contains a heart icon. The circles are connected by a blue line. To the right of the circles is an image of a specialized lens machine.

How profitable are new technologies?

eaglet-eye

A line graph with a red line showing an upward trend. The letters 'ROI' are written in large blue letters over the graph. The background is a circular pattern of binary code.

Is this the end of 'guesstimating'?

eaglet-eye

A diagram showing a specialized lens machine with a circular opening. The background is a circular pattern of binary code.

Final thoughts & wrap up

eaglet-eye

A diagram showing a stylized eye with a blue iris and a black pupil. The background is a circular pattern of binary code.

Visit our booth #211

A transformation of
Specialty Lens fitting
is happening.
Get ready to be part of it.



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