

OUR VISION



Founding and Mission
Regensight, founded in July 2019,
aims to revolutionize ophthalmic
care through *incision-free*theranostics technology.



Targeted Visual Disorders
Focus on keratoconus, lowgrade myopia and presbyopia,
addressing the needs of half of
the global population.



Meeting the growing market demand by providing precision, personalized and predictive treatments for visual disorders.



v. 1.0 30/05/2024



Hushering a Paradigm Shift in Eye Care



Visual disorders are the most frequent causes of visual disability at all ages



Laser vision correction and **intracorneal implants** surgeries bend incident light via **changing thickness**

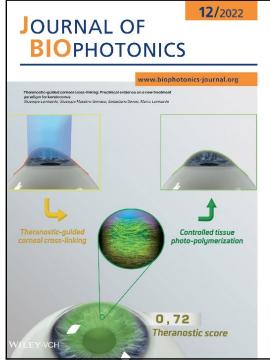
WITH TISSUE REMOVAL OR INCISIONS



Regensight improves vision through **theranostic-guided**UV-A light photo-polymerization of stromal proteins
within a **patterned distribution of riboflavin** in the cornea

WITHOUT TISSUE REMOVAL





Theranostics Technology - Overview



Transformative Paradigm

Theranostics combines **thera**py and molecular diag**nostics**, offering an *incision-free* solution for addressing visual disorders

Patterned molecular drug delivery

Precise, fast, patterned delivery of **riboflavin** in the cornea

Simultaneous measurement and treatment

Utilizes UV-A light to **monitor riboflavin** delivery in the cornea and to **photo-polymerize stromal proteins** in **targeted corneal regions**.

Scientifically & Clinically Validated*

Currently validated for precise and predictive treatment of keratoconus with ${\bf high\ accuracy\ (91\%)}$ and ${\bf precision\ (95\%)}$

*CLINICAL TRIAL <u>NCT05457647</u> Ophthalmology 2024; in press RegenSight
REGENERATE. IMPROVE

v. 1.0 30/05/2024

DEVELOPMENTS

Enhancing Human Vision



01

Current Focus

Introducing the new gold standard of care for keratoconus in the short term, enhancing Regensight market presence and patient impact.

02

Medium-Term Plans

Development of new treatment options for low-grade myopia and presbyopia, expanding the product line and market reach.

03

Long-Term Vision

Establishing Regensight as a leader in incision-free ophthalmic care, tackling visual disorders of significant societal impact by harnessing theranostics and precision & personalized treatment strategies.



THERANOSTICS

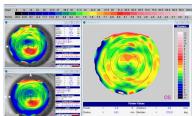
Advantages





Precise and Predictive

Offering a **transformative technology** for visual disorders, redefining the treatment approach while mitigating the risks linked with conventional surgical techniques.



Incision-free Solution

Theranostics provides an advanced incision-free approach to treating visual disorders, enhancing patient compliance and visual outcomes.

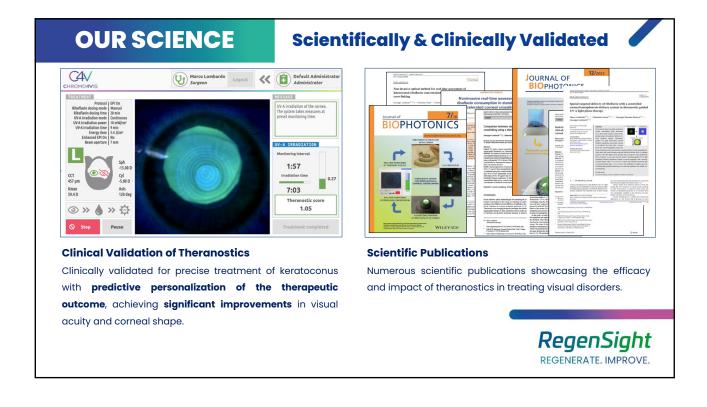


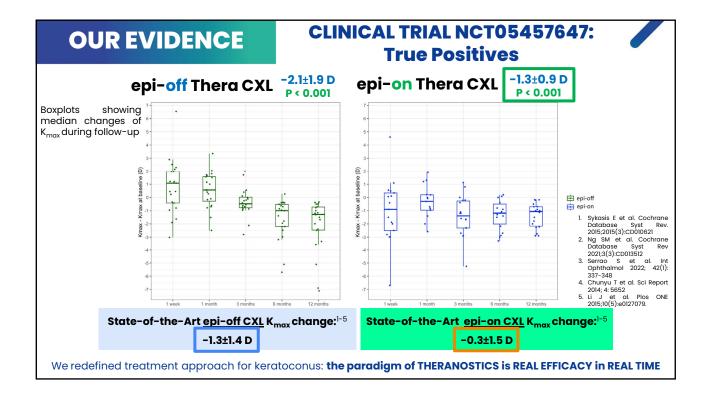
Data-Driven Approach

Leveraging *machine learning* (Artificial Intelligence) to enhance the accurate assessment of targeted therapy, ensuring tailored and effective eyecare solutions.

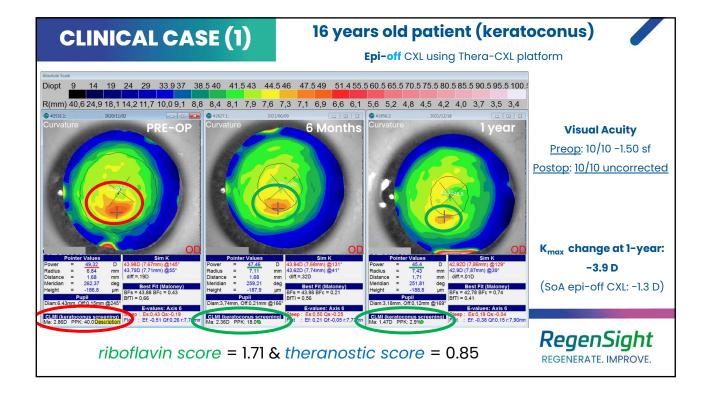


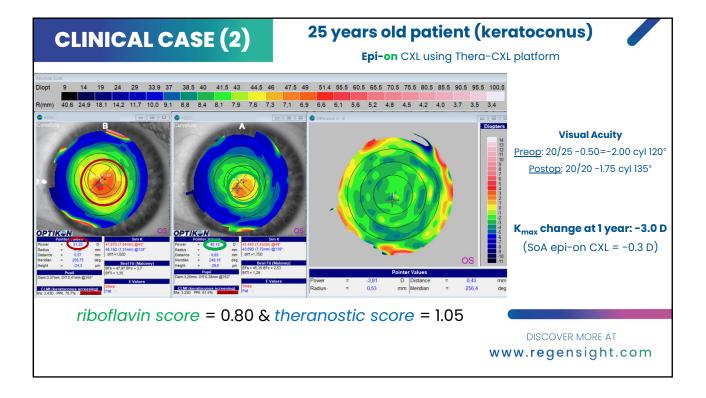
v. 1.0 30/05/2024





v. 1.0 30/05/2024 4





v. 1.0 30/05/2024 5