

REXONEYE

THE EYE WELLNESS SOLUTION





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**Included in the TFOS DEWS III
Management & Therapy**

REXONEYE



REXON-EYE THERAPY

Rexon-Eye® is a non-invasive medical device for ocular surface therapy, developed for the treatment of Dry Eye Disease and Corneal Neuropathy¹².

Based on patented Quantum Molecular Resonance (QMR®) Technology, it promotes an anti-inflammatory response¹ and supports tissue regeneration³ without generating thermal effects.

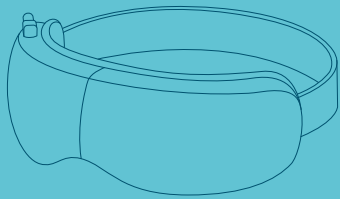
QMR® Technology is recognized in the TFOS DEWS III Report as an emerging therapeutic approach for the management of Dry Eye Disease.

HOW DOES IT WORK?

Rexon-Eye® is designed to integrate easily into everyday clinical practice. Once the patient is comfortably positioned, the operator places the treatment mask over the closed eyes, selects the treatment parameters, and starts the session.

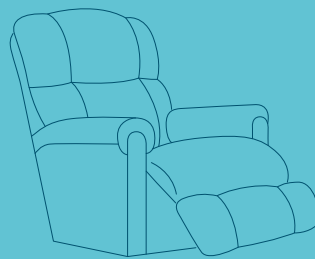
The standard treatment protocol consists of four 20-minute sessions performed at weekly intervals.

THERAPY PROTOCOL



4

**TREATMENT
SESSIONS**



20

**MINUTES
EACH**



1

**WEEK
INTERVAL**

REXONEYE



BEYOND DRY EYE

All types of Dry Eye disease: •
evaporative, aqueous deficient
and mixed

Before & After Ocular Surgery •

Neuropathic Corneal Pain •

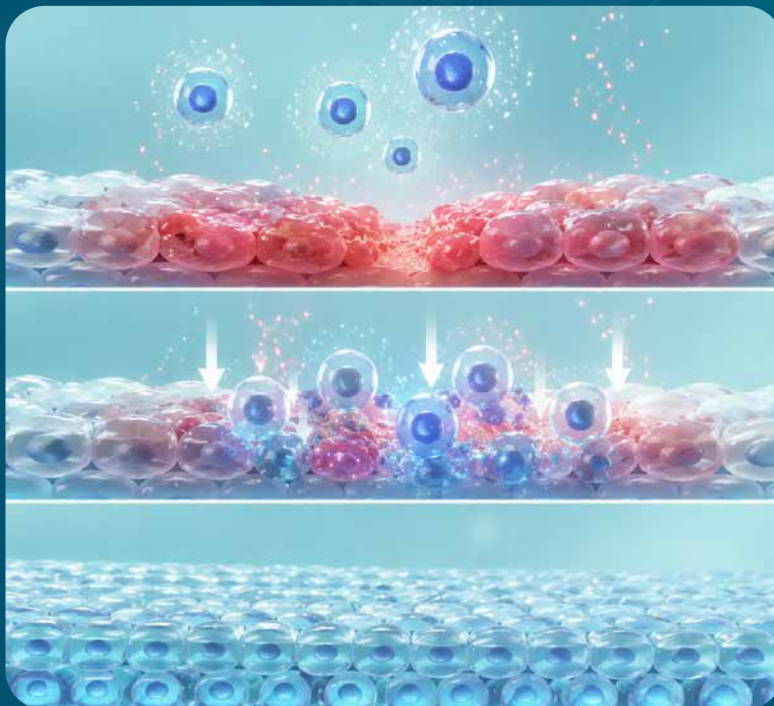
Blepharitis •

Ocular Rosacea •



QMR® TECHNOLOGY

The principle of operation of Rexion-Eye® is based on patented Quantum Molecular Resonance (QMR®) Technology, which delivers a low-intensity alternating electrical signal containing a specific spectrum of high frequencies ranging from 4 to 64 MHz. Unlike thermal-based technologies, QMR® does not rely on heat generation. Instead, it stimulates the body's natural regenerative processes while promoting an anti-inflammatory response.^{1,3}



- 1** Anti-inflammatory cytokine release by shifting macrophage activity
- 2** Activation of mesenchymal stem cells (MSCs) to regenerate damaged tissue
- 3** Restoration of the tear film and ocular surface

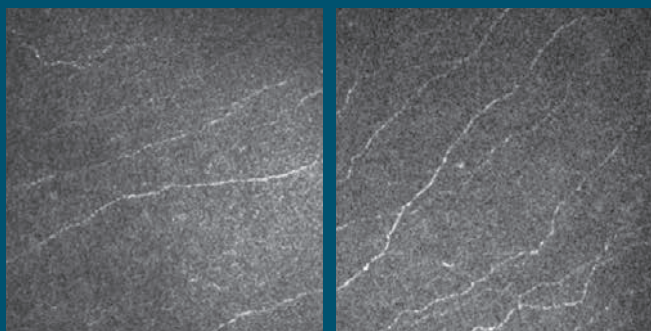
THE ANTI-INFLAMMATORY EFFECT

Chronic inflammation is one of the main drivers of the vicious cycle of Dry Eye Disease, leading to tear film instability and ocular surface damage. Rexion-Eye® helps interrupt this cycle by promoting the shift of macrophages from the pro-inflammatory M1 phenotype to the anti-inflammatory M2 phenotype, reducing inflammatory cytokines and supporting ocular surface homeostasis.¹

NATURAL REGENERATIVE EFFECT

QMR® Technology emits packets of energy called quanta, capable of modulating ion concentrations within the intracellular and extracellular environment, inducing changes in the transmembrane potential of target cells. These biological signals activate metabolic pathways that stimulate mesenchymal stromal cells (MSCs), promoting tissue regeneration rather than simple tissue repair. The regenerated tissue restores the original structure and physiological function of the ocular surface.²

Corneal Nerve Regeneration



Preliminary clinical data demonstrated improvements in corneal nerve metrics together with reduced neuropathic corneal pain following QMR® treatment¹².

Meibomian Gland Restoration



Clinical cases provided by Javier Baez, Optometrist, Norway

A randomized controlled trial demonstrated improvements in meibum quality, lid margin signs and meibomian gland morphology following QMR® treatment¹¹.

TECHNOLOGY COMPARISON FOR OCULAR SURFACE TREATMENT

CLINICAL USES	IPL	WARM COMPRESSES	PHOTOBIO- MODULATION	QMR®
Treatment of Meibomian Gland Dysfunction in Dry Eye	●	●	●	●
Treatment of Hyposecretive Dry Eye				●
Treatment of Mixed Dry Eye				●
Pre- and Post-Surgical Use (cataract, refractive, etc.)	●		●	●
Autoimmune-related Dry Eye (e.g., Sjögren's Syndrome, Rheumatoid Arthritis)			●	●
Stimulates Natural Cell Regeneration				●
Promotion of Anti-Inflammation	●		●	●
Treatment of the Underlying Cause of DED				●
Long-Lasting Symptom Remission				●

PATIENT EXPERIENCE & SAFETY

Pleasant and Relaxing, Pain-Free Treatment		●	●	●
No Photosensitivity Risk		●		●
Suitable for all skin types and phototypes		●	●	●
Proven Biological Safety				●

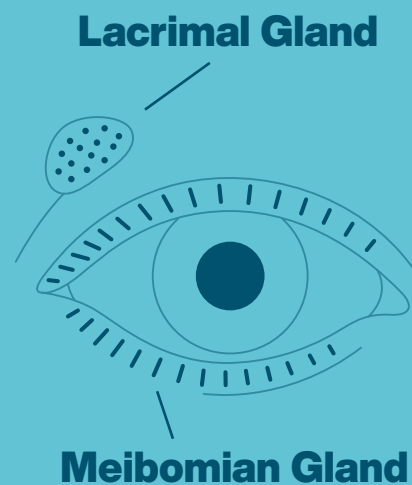
TECHNOLOGY & OPERATIONAL EFFICIENCY

Patented Technology				●
No Need for Gel or Additional Consumables		●	●	●
Hands-Free Sessions (No operator Needed During Treatment)		●	●	●
Minimal Need for Maintenance or Calibration		●		●
Easy transportability		●		●

THE FIRST THERAPY FOR HYPOSECRETIVE AND MIXED DRY EYE

Rexon-Eye® promotes the natural regeneration of the tear film by targeting **all three of its layers**. It stimulates the **Meibomian glands**, improving both the production and quality of the Meibum. It also acts on the **Lacrimal gland**, enhancing the production of the aqueous layer.

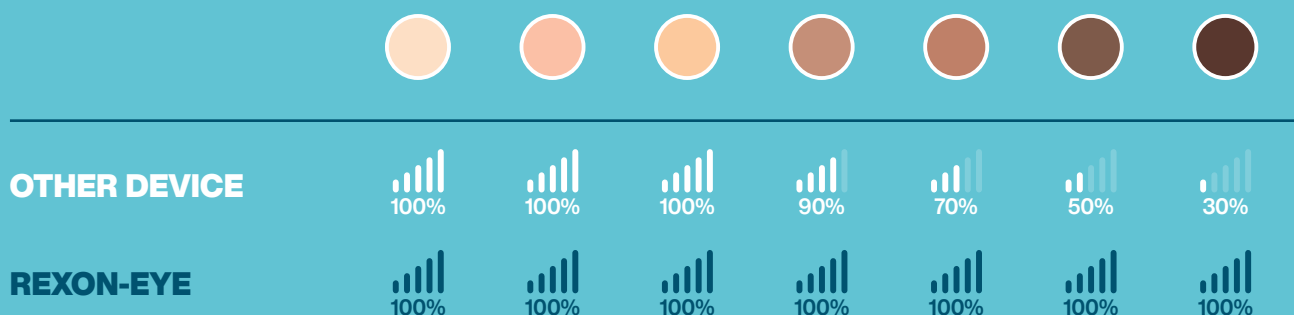
This multi-targeted approach makes Rexon-Eye® a unique and comprehensive solution, not only for evaporative but also for hyposecretive and mixed dry eye conditions. ^{4,5,6,7,8,9,10,13}



SUITABLE FOR ALL SKIN TYPES AND PHOTOTYPES

QMR® is an electrical signal, not a light-based one. This means its effectiveness does not depend on skin color or phototype, but rather on the tissue's impedance. As a result, the treatment is **safe and effective for all skin types**, making it universally applicable without the limitations commonly associated with light or laser-based technologies.

EFFECTIVE POWER ON DIFFERENT SKIN TONES



THE EYE WELLNESS SOLUTION



PATIENT EXPERIENCE

THE EYE WELLNESS APPROACH

Patients with Dry Eye Disease and neuropathic ocular pain often experience not only persistent physical symptoms but also a significant impact on their quality of life. To enhance the overall treatment experience, we created the Rexion-Eye® Wellness Area: a dedicated space where therapy becomes a moment of comfort and relaxation. This approach elevates the perceived value of the treatment while improving patient satisfaction and loyalty.

HANDS FREE SESSIONS

Once started, the patient can relax comfortably without continuous operator supervision. The therapy proceeds automatically, allowing clinicians to focus on other tasks. For additional peace of mind, every Rexion-Eye® device is equipped with a Patient Calm Control.



PLEASANT. RELAXING. PAIN-FREE.

Rexion-Eye® is a non-invasive, pain-free therapy that delivers clinical results in a calm, stress-free setting. Each session is quiet, comfortable, and often enhanced with music — creating a moment of true relaxation for the patient.

REXON-EYE COMPONENTS



Rexon-Eye® Mask

Rexon-Eye® Active Mask electrode with cable. The accessory worn by the patient to deliver the therapy. The string behind can be regulated

Mask code: **4002030R**

Mask holder: **4002046R**

Patient Calm Control

Allows patients to effortlessly pause their therapy if needed, ensuring a comfortable and stress-free experience.

Code: **4002018R**



Neutral plate

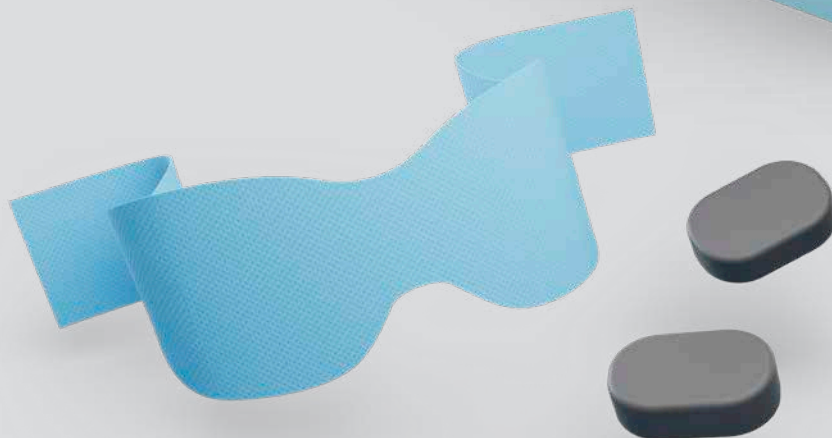
Should be positioned on the seat to maximize the contact surface with the patient and complete the monopolar circuit.

Code: **2503019CR**

Hygiene and Safety Essentials

Disposable Tissues and Personalized Therapy Pads ensure hygiene and optimal performance during the therapy with the Rexon-Eye® Mask

Code: **4002039R**



6 Disposable Tissues

These disposable waterproof tissues are essential for maintaining both hygiene and patient safety. They also ensure that the electrical current is distributed evenly across the entire eyelid surface during therapy.



2 Personalized Therapy Pads

The Personalized Therapy Pads are made of high-quality conductive fabric, providing optimal signal delivery. Designed for single-patient use, these pads ensure maximum comfort and effectiveness throughout the entire therapy session.

REXON-EYE PORTABLE SOLUTIONS



Smart Folding Trolley

The REXON-EYE® device can be complemented with a versatile trolley that easily transforms for convenient use and storage. It is designed for effortless transportation and can be easily folded

Smart Folding Trolley with Organizer Drawer: **4002045R**

Organizer Drawer: **4002044R**

Premium Hard-Shell Suitcase

A rugged, impact-resistant suitcase designed for superior protection. This hard-shell case resists impacts and ensures the REXON-EYE® device remains safe during extended trips.

Code: **2301103**



REXON-EYE DEVICE



Rexon-Eye® is the Eye Wellness Solution trusted by eye care professionals in over 60 countries worldwide.

Backed by scientific evidence, it offers a unique, non-invasive approach to ocular surface therapy.

Code: **4001007**

TECHNICAL DATA:

- Supply voltage and frequency: 100-230 V, 50 / 60 Hz, power consumption 300 VA
- Maximum output power: 20W / 200 Ω dual channel (mask electrode)
- Output frequency: patented spectrum 4-64 MHz
- Class IIa device (Directive 93/42/EEC)
- LCD Display
- Weight: 9kg
- Dimensions: 41x17x40 cm

1. Paolucci et al., Antioxidants, 2023
2. Dal Maschio et al., BAM, 2009
3. Sella et al., PloS ONE, 2018
4. Pedrotti et al., Br. J. Ophthalmol., 2017
5. Ferrari et al., Cornea, 2019
6. Trivli et al., J. Of Optometry, 2022

7. Kavroulaki et al., Cureus 2023
8. Ballesteros-Sánchez et al., Ophthalmol Ther, 2023
9. Shemer et al., Cornea, 2023
10. Foo VHX et al., Front Med, 2023
11. Uthaihammarat et al., Eye, 2025
12. Liu Y-C et al., Singapore Eye Res. Inst., 2025



Patented in EU,
USA and other
countries.



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Request our collection of QMR® documentation in ophthalmology
and clinical outcomes with the Rexon-Eye® medical device.

Rev. 01/2026 Subject to technical changes as part of product development, as well as errors and omissions

