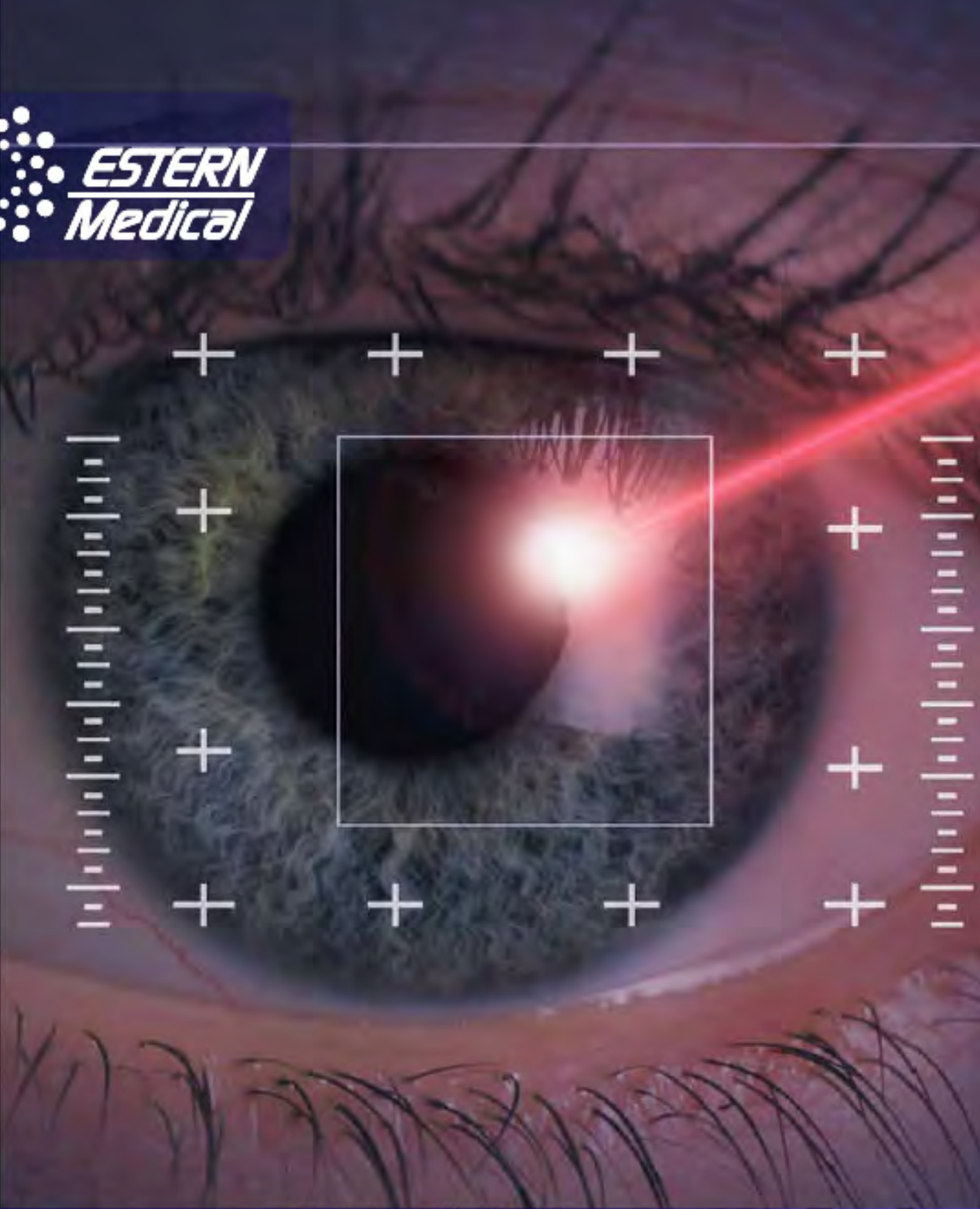




**ESTERN**  
**Medical**



**ESTERN Medical CRO**  
Expert Management For Your Ophthalmic  
Clinical Research Projects



## **NAVIGATING OPHTHALMIC RESEARCH: DISCOVERIES IN CLINICAL TRIALS**

ESTERN Medical CRO Life Sciences emerges as the foremost international Clinical Contract Research Organization (CRO) specializing in ophthalmology, catering to an extensive clientele that spans established industry leaders, emerging startups, and multinational corporations. Our expertise traverses the breadth of ophthalmic endeavors, encompassing state-of-the-art Class III medical device implants, pioneering surgical techniques, diagnostic innovations, biotechnological breakthroughs, and pharmaceutical clinical investigations.

Our comprehensive portfolio boasts a myriad of managed projects, ranging from intimate Phase I and II studies with fewer than 100 participants to expansive Phase III multi-center trials across diverse geographic regions, involving hundreds to thousands of subjects. Our project objectives are diverse, encompassing the evaluation of clinical development program feasibility, execution of pivotal studies for pre-market approvals from regulatory bodies such as the US-FDA & EU-EMA, and generation of data to support and augment clinical marketing endeavors.

At ESTERN Medical, we blend scientific rigor with strategic insight, propelling the evolution of ophthalmic care and fostering innovation. This underscores our steadfast commitment to excellence and reinforces our standing as pioneers in the life sciences arena.



## **PIONEERING OPHTHALMIC CLINICAL TRIALS AND RESEARCH EXCELLENCE**

Our organization is at the forefront of ophthalmic innovation, leveraging a premier network of research ophthalmologists and Key Opinion Leaders (KOLs) across the US, North America, and Latin America. Specializing in corneal, retinal, and glaucomatous diseases, and comprehensive ophthalmology, we provide indispensable insights for groundbreaking R&D clinical programs.

Strategically positioned study sites across the US & Latin America, seamlessly integrated within premier university hospitals & private clinics, boasting expertise across Phases I, II, III & IV. ESTERN provides comprehensive clinical R&D services, encompassing full CRO development. Our focus includes advancing surgical and pharmaceutical medical treatments.

- Age-related macular degeneration
- Cataract, including removal and intraocular lens replacement
- Diabetic retinopathy
- Dry eye
- Glaucoma
- Intravitreal hemorrhage
- Macular edema
- Ophthalmic wound healing
- Proliferative retinopathy
- Refractive disorders, including myopia, hyperopia and presbyopia
- Seasonal allergic conjunctivitis

With our extensive expertise, we ensure meticulous support, propelling ophthalmic care and therapies forward.

## **EXCELLENCE OPHTHALMOLOGY: INNOVATIONS IN STUDY DESIGN AND EXECUTION**

At ESTERN Medical CRO Life Sciences, we navigate the intricate landscape of ophthalmic research, which requires a nuanced approach distinct from general medical studies. Our deep understanding of ophthalmology-specific terminology, diagnostic protocols, and advanced instrumentation positions us as leaders in this specialized field. We excel in addressing the challenges of patient recruitment and retention unique to ophthalmology.

To meet these specialized needs, we've developed a comprehensive toolkit of plans, procedures, and customizable templates tailored for ophthalmic clinical trials. This strategic arsenal enables us to quickly craft detailed project plans and deploy highly skilled teams dedicated to building successful sponsor relationships. Our experience enhances patient recruitment efforts and ensures that trials proceed according to plan, within time and budget constraints, showcasing our commitment to efficiency and high-quality outcomes in ophthalmic research.





## REIMAGINED: A NEW ERA IN OPHTHALMIC CLINICAL PROGRAMS

- **Regulatory Strategy Guidance:** Expert navigation of regulatory procedures for compliance and achieving product approval objectives.
- **Tailored Therapy Consultation:** Specialized advisory on ophthalmic therapy study protocols, enhancing trial design and execution.
- **Feasibility Assessments:** Customized evaluations for study site selection and patient recruitment strategies in the USA and Latin America.
- **Regulatory Submissions:** Facilitation of regulatory submissions across the USA and Latin America for successful product approvals.
- **Early Phase and Late Safety Studies:** Emphasis on patient safety and data integrity in tailored early-phase studies for the US and Latin America.
- **Product Registration Studies:** Efficient execution of product registration studies in Latin America to expedite regulatory approval.

ESTERN Medical CRO Life Sciences provides exceptional support and expertise in ophthalmic clinical research, ensuring streamlined product development.

## INNOVATIVE OPHTHALMOLOGY CLINICAL TRIALS: ADVANCING "PHARMACEUTICAL" TREATMENT SOLUTIONS

### Phase II and Phase III multi-center study:

- Intravitreal Implant for Diabetic Macular Edema (DME)
- Posterior Segment Drug Delivery System for Persistent Macular Edema.
- Intravitreal Injection to Prevent the Recurrence of Proliferative Vitreoretinopathy (PVR).
- Injectable Solution for Intra-vitreous Hemorrhage Clearance
- Ocular Tolerance of Eye Drops in Mild to Moderate Dry Eye Syndrome.
- Comparative Efficacy and Safety Evaluation of Ophthalmic Emulsion vs. Artificial Tear for Keratoconjunctivitis Sicca (KCS).

### Phase IV Studies:

- Proprietary Eye Drops in Seasonal Allergic Conjunctivitis (SAC).
- Corneal Sensitivity and Surface Integrity Restoration in Dry Eye with Ophthalmic Solution.
- Ophthalmic Solution for Posterior Lid Margin Blepharitis.

ESTERN Medical CRO conducts clinical trials to advance treatments for various ophthalmic conditions, contributing significantly to ocular healthcare.

A hand holding a lens with futuristic digital overlays. The background is a light blue gradient with various circular and linear digital patterns in white and cyan. The hand is positioned in the lower-left quadrant, holding a lens that is the focal point of the image. The overall aesthetic is clean, modern, and high-tech.

## **INNOVATIVE OPHTHALMOLOGY TRIALS: SPEARHEADING "MEDICAL DEVICE" SOLUTIONS**

- Comparative Study:
  - Er:Yag Laser vs. Phacoemulsification for Cataract Extraction Comparison.
- Consumer Acceptance Study:
  - Multi-Center Evaluation of New Dispenser Prototypes Acceptance in Glaucoma Patients.
- Intraocular Lenses (IOLs) Studies:
  - Assessing Safety and Effectiveness of Foldable Intraocular Lenses in Cataract Extraction.
  - Investigating Collagen Glaucoma Drainage Device Clinically.
  - Evaluation of Pediatric, Low Myopia, and Anterior Chamber IOLs.
- Refractive Procedures:
  - Contrast Sensitivity Differences Assessment of Marketed Refractive Lasers.
  - Controlled Excision of Malignant Eyelid Tumors in Surgery.
  - Refractive Error Correction Using Wavefront Measurement Device Data.
  - Product Registration Studies for Implantable Contact Lenses in Myopia and Hyperopia.
  - Hyperopia Correction via Laser Thermal Keratoplasty.
- Other Studies:
  - Product Evaluation of Retinal Tamponade.
  - Presbyopia Treatment Trial with Scleral Expansion Bands.
  - Impact Assessment of Phacoemulsification System Software Upgrade on Corneal Clarity and Surgeon Technique.

ESTERN Medical CRO Life Sciences demonstrates diverse expertise in advanced ophthalmology clinical projects, propelling treatment advancements for various ocular conditions.

# Our Partners, Alliances & Sponsors



## Our International Presence

\*Boston & Cambridge (USA)  
\*Mexico City (Mexico) - \*Bogota (Colombia) - \*Santiago (Chile) -  
\*Buenos Aires (Argentina) - \*Sao Paulo (Brazil)

## Corporate Address

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To inquire about our CRO Services, please reach out via our company Website:  
[www.esternmedical.com](http://www.esternmedical.com) or fill out our company's "Web Contact Us Form", and a  
member of our management team will respond to you



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