

India Ophthalmic Clinical Trials Market by Product (Devices, Surgical Devices, Intraocular Lenses, Aspheric IOLs, Toric IOLs, Multifocal IOLs, Monofocal IOLs, Others), By Indication (Macular Degeneration, Glaucoma, Dry Eye Disease, Retinopathy, Uveitis, Macular Edema, Blepharitis, Cataract, Optic Neuropathy, Others ), by Phase (Preclinical, Discovery, Clinical, Phase I, Phase II, Phase III, Phase IV), By Service Type (Protocol Designing, Site **Identification, Patient Recruitment, Laboratory** Services, Bioanalytical Testing Services, Clinical Trial Data Management Services, Others), By Sponsor Type (Pharmaceutical/biopharmaceutical Companies, Medical device companies, others), and by Region and Competition, Forecast & Opportunities, 2019-2029F

https://marketpublishers.com/r/I1AFCDE5AC85EN.html

Date: October 2023

Pages: 90

Price: US\$ 3,500.00 (Single User License)

ID: I1AFCDE5AC85EN

## **Abstracts**

The India Ophthalmic Clinical Trials Market achieved a valuation of USD 37.63 Million in 2023 and is poised for impressive growth throughout the forecast period, with an anticipated Compound Annual Growth Rate (CAGR) of 5.42% and expected to reach USD 49.41 Million through 2029. Ophthalmic clinical trials encompass research studies designed to assess the safety, efficacy, and effectiveness of medical interventions,



treatments, drugs, devices, or surgical procedures related to eye health and vision. These trials play a pivotal role in generating scientific evidence and data that inform medical decisions, regulatory approvals, and advancements in the field of ophthalmology. Their objective is to enhance the understanding and management of various eye diseases and conditions while developing novel treatments and technologies.

Participation in ophthalmic clinical trials typically involves individuals with specific eye conditions or diseases, including but not limited to glaucoma, age-related macular degeneration (AMD), diabetic retinopathy, cataracts, myopia, and others. These trials employ defined endpoints or outcomes to gauge the impact of interventions, such as improvements in visual acuity, reduction in eye pressure, changes in retinal thickness, or assessments of the quality of life.

The field of ophthalmology has witnessed significant technological advancements, encompassing innovative diagnostic tools, surgical techniques, and drug delivery systems. These innovations necessitate clinical trials to evaluate the safety and efficacy of emerging technologies and treatments. Notably, India's Ophthalmic Clinical Trials Market holds immense potential due to its large and diverse patient population. This presents opportunities for pharmaceutical companies, biotech firms, and research institutions to conduct trials and develop treatments tailored to the specific needs of the Indian populace.

## **Key Market Drivers:**

Advancements in Medical Technology: The field of ophthalmology benefits from ongoing advancements in medical technology, which have streamlined clinical trial processes, improved data collection, enhanced patient experiences, and boosted overall trial efficiency. Telemedicine platforms and remote monitoring solutions enable remote tracking of patient health and data collection, reducing the need for frequent inperson visits. Electronic Health Records (EHR) systems facilitate efficient patient data management. Advanced digital imaging technologies, such as optical coherence tomography (OCT) and fundus photography, enable precise and non-invasive assessments of ocular structures, essential for tracking disease progression. The integration of big data analytics and artificial intelligence (AI) allows for efficient analysis of large datasets, predicting outcomes and optimizing trial designs. Mobile apps and wearable devices enhance real-time patient reporting of symptoms, improving patient engagement. Blockchain technology ensures data security and transparency, facilitating secure storage and sharing of trial-related data. Adaptive trial designs, informed by



technology, offer flexibility in adjusting trial parameters based on interim results. Electronic informed consent (eConsent) platforms improve patient understanding and participation. Virtual reality and simulation technologies replicate surgical procedures, enhance investigator training, and reduce variability in outcomes. Biosensors and wearable devices provide real-time monitoring of patient parameters, aiding in understanding treatment effects. Genomics and molecular diagnostics enable personalized treatment approaches based on genetic profiles, relevant in trials targeting specific patient subgroups.

Rise in Rare and Orphan Diseases: Rare diseases, often referred to as orphan diseases, affect a small segment of the population and present challenges in clinical trial recruitment due to limited patient numbers. The development of treatments for these conditions is incentivized by governments through programs such as orphan drug designation, offering benefits like extended market exclusivity and reduced regulatory fees. Addressing unmet medical needs in rare diseases can significantly improve patients' quality of life and life expectancy, driving research and clinical trials.

Increasing Eye Disorders: Eye disorders encompass a wide range of conditions affecting various parts of the eye and visual system. These conditions can cause vision changes, discomfort, pain, and, in severe cases, permanent vision loss. Conditions like glaucoma, age-related macular degeneration (AMD), diabetic retinopathy, and others pose significant healthcare challenges, driving the need for research and clinical trials in the field of ophthalmology.

#### Key Market Challenges:

Post-Trial Regulations and Market Access: Obtaining regulatory approvals and ensuring market access after a successful clinical trial can be complex and time-consuming. Regulatory authorities rigorously evaluate trial data, safety profiles, and product labeling before granting marketing approvals. Navigating post-trial regulations, pricing, reimbursement, distribution, and market access strategies can pose challenges for companies.

Patient Recruitment and Retention: Recruiting eligible patients for clinical trials and retaining them throughout the trial's duration are persistent challenges. Factors like patient awareness, stigma associated with trials, language and cultural considerations, logistical constraints, and participant fatigue can impact recruitment and retention rates.

#### Key Market Trends:



Real-World Evidence (RWE): Real-World Evidence, gathered from patient experiences in routine clinical practice, complements traditional clinical trial data by providing insights into real-world treatment outcomes. RWE is particularly valuable in ophthalmology for assessing treatment effectiveness in diverse patient populations and long-term treatment impacts.

### Segmental Insights:

- Phase Insights: Clinical phases dominate the market, with pharmaceutical companies, research organizations, and healthcare institutions actively participating in various stages of clinical trials. India's diverse patient population enables comprehensive assessments of investigational products.
- Indication Insights: Retinopathy is a prominent segment due to increased R&D activities and rising prevalence in India. Diabetic retinal disease, for instance, is a significant concern in the country, driving research and clinical trials.
- Service Type Insights: Clinical trial data management services hold a substantial share in the market. They play a critical role in data validation, collection, cleaning, and analysis, ensuring data accuracy and reliability.
- Sponsor Type Insights: Pharmaceutical/biopharmaceutical companies dominate the market, as they play a pivotal role in drug research, development, and clinical trials in ophthalmology.

## Regional Insights:

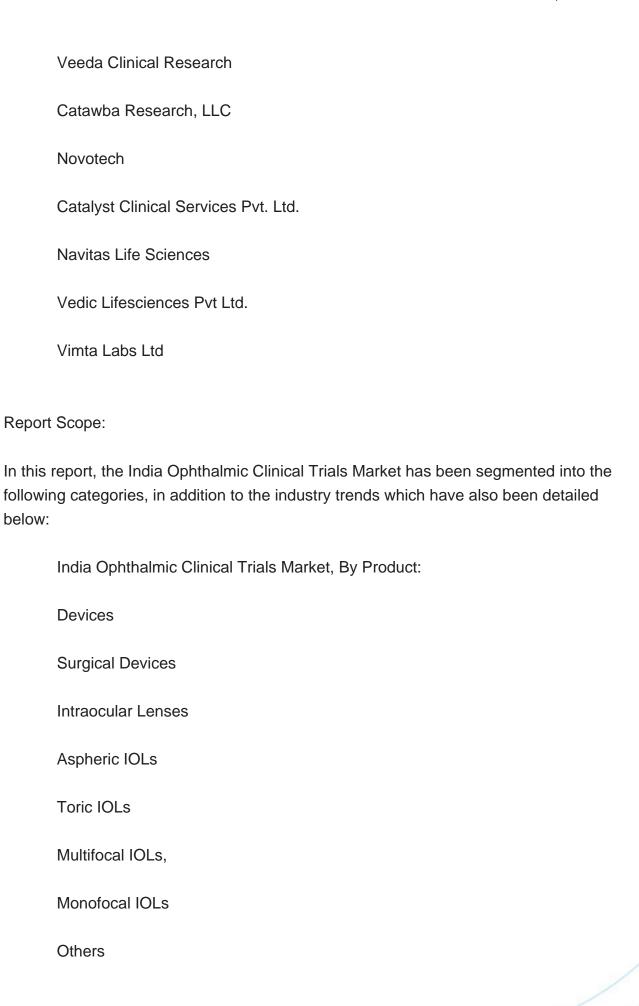
- West India: The West India region, including cities like Mumbai, Pune, and Ahmedabad, boasts advanced medical infrastructure, research centers, and academic institutions conducive to ophthalmic clinical trials. Leading institutions collaborate with pharmaceutical companies and research organizations in conducting trials.

Key Market Players

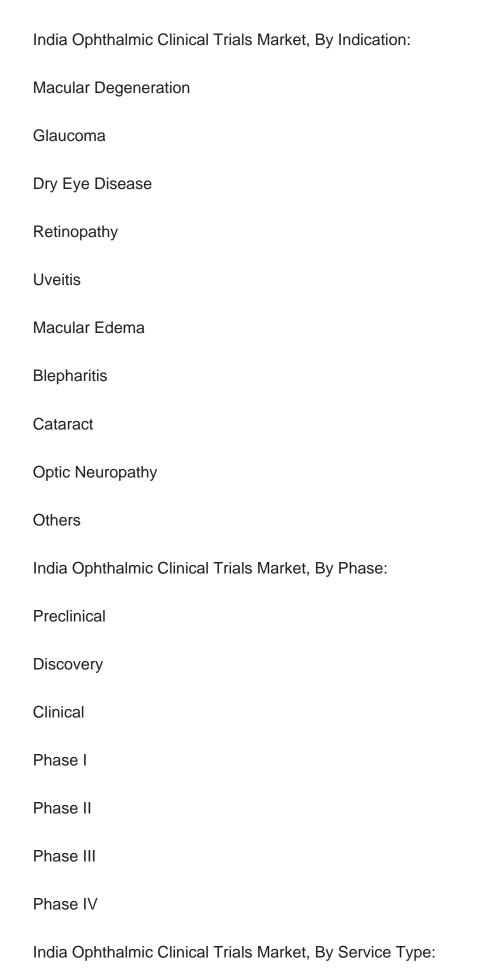
ProRelix Services LLP

Abiogenesis Clinpharm Pvt Ltd.

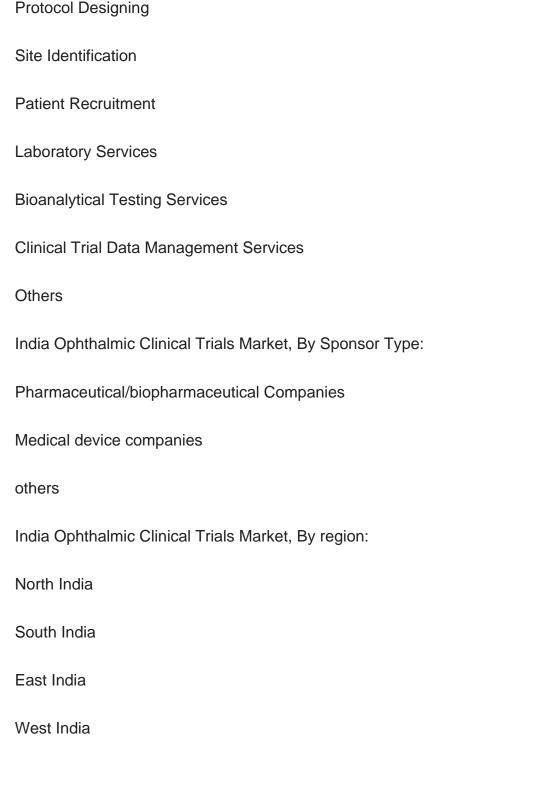












Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Ophthalmic Clinical Trials Market.



## Available Customizations:

Global Dyes Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

# Company Information

Detailed analysis and profiling of additional market players (up to five).



## **Contents**

#### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

#### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

# 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

#### 4. VOICE OF CUSTOMER

#### 5. INDIA OPHTHALMIC CLINICAL TRIALS MARKET OUTLOOK

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
- 5.2.1. By Product (Devices, Surgical Devices, Intraocular Lenses, Aspheric IOLs, Toric IOLs, Multifocal IOLs, Monofocal IOLs, Others)
- 5.2.2. By Indication (Macular Degeneration, Glaucoma, Dry Eye Disease, Retinopathy,



Uveitis, Macular Edema, Blepharitis, Cataract, Optic Neuropathy, Others)

- 5.2.3. By Phase (Preclinical, Discovery, Clinical, Phase I, Phase II, Phase IV)
- 5.2.4. By Service Type (Protocol Designing, Site Identification, Patient Recruitment, Laboratory Services, Bioanalytical Testing Services, Clinical Trial Data Management Services, Others)
- 5.2.5. By Sponsor Type (Pharmaceutical/biopharmaceutical Companies, Medical device companies, others)
  - 5.2.6. By Company (2022)
  - 5.2.7. By Region (North India, South India, East India, West India)
- 5.3. Market Map

#### 6. NORTH INDIA OPHTHALMIC CLINICAL TRIALS MARKET OUTLOOK

- 6.1. Market Size & Forecast
  - 6.1.1. By Value
- 6.2. Market Share & Forecast
  - 6.2.1. By Product
  - 6.2.2. By Indication
  - 6.2.3. By Phase
  - 6.2.4. By Service Type
  - 6.2.5. By Sponsor Type

#### 7. SOUTH INDIA OPHTHALMIC CLINICAL TRIALS MARKET OUTLOOK

- 7.1. Market Size & Forecast
  - 7.1.1. By Value
- 7.2. Market Share & Forecast
  - 7.2.1. By Product
  - 7.2.2. By Indication
  - 7.2.3. By Phase
  - 7.2.4. By Service Type
  - 7.2.5. By Sponsor Type

## 8. EAST INDIA OPHTHALMIC CLINICAL TRIALS MARKET OUTLOOK

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast



- 8.2.1. By Product
- 8.2.2. By Indication
- 8.2.3. By Phase
- 8.2.4. By Service Type
- 8.2.5. By Sponsor Type

#### 9. WEST INDIA OPHTHALMIC CLINICAL TRIALS MARKET OUTLOOK

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Product
  - 9.2.2. By Indication
  - 9.2.3. By Phase
  - 9.2.4. By Service Type
  - 9.2.5. By Sponsor Type

#### 10. MARKET DYNAMICS

- 10.1. Drivers
- 10.2. Challenges

#### 11. MARKET TRENDS & DEVELOPMENTS

- 11.1. Recent Developments
- 11.2. Product Launches
- 11.3. Mergers & Acquisitions

#### 12. PESTLE ANALYSIS

#### 13. PORTER'S FIVE FORCES ANALYSIS

- 13.1. Competition in the Industry
- 13.2. Potential of New Entrants
- 13.3. Power of Suppliers
- 13.4. Power of Customers
- 13.5. Threat of Substitute Product



#### 14. COMPETITIVE LANDSCAPE

- 14.1. Business Overview
- 14.2. Company Snapshot
- 14.3. Products & Services
- 14.4. Financials (In case of listed companies)
- 14.5. Recent Developments
- 14.6. SWOT Analysis
  - 14.6.1. ProRelix Services LLP
  - 14.6.2. Abiogenesis Clinpharm Pvt Ltd.
  - 14.6.3. Veeda Clinical Research
  - 14.6.4. Catawba Research, LLC
  - 14.6.5. Novotech
  - 14.6.6. Catalyst Clinical Services Pvt. Ltd.
  - 14.6.7. Navitas Life Sciences
  - 14.6.8. Vedic Lifesciences Pvt Ltd.
  - 14.6.9. Vimta Labs Ltd

#### 15. STRATEGIC RECOMMENDATIONS



#### I would like to order

Product name: India Ophthalmic Clinical Trials Market by Product (Devices, Surgical Devices, Intraocular Lenses, Aspheric IOLs, Toric IOLs, Multifocal IOLs, Monofocal IOLs, Others), By Indication (Macular Degeneration, Glaucoma, Dry Eye Disease, Retinopathy, Uveitis, Macular Edema, Blepharitis, Cataract, Optic Neuropathy, Others), by Phase (Preclinical, Discovery, Clinical, Phase I, Phase II, Phase IV), By Service Type (Protocol Designing, Site Identification, Patient Recruitment, Laboratory Services, Bioanalytical Testing Services, Clinical Trial Data Management Services, Others), By Sponsor Type (Pharmaceutical/biopharmaceutical Companies, Medical device companies, others), and by Region and Competition, Forecast & Opportunities, 2019-2029F

Product link: https://marketpublishers.com/r/I1AFCDE5AC85EN.html

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# Payment

First name: Last name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/l1AFCDE5AC85EN.html">https://marketpublishers.com/r/l1AFCDE5AC85EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature



Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970