

**Cardiology**  
**Our Evolutionary thinking in**  
**Clinical Trials Cardiovascular Studies**



## **REDIFINING CARDIOVASCULAR CHALLENGES: A COMPREHENSIVE OVERVIEW**

Cardiovascular disease (CVD) continues to claim more lives worldwide than any other ailment, yet the R&D pipeline for innovative treatments has stagnated in recent decades, leaving a critical void in combating this urgent health issue.

Both pharmaceutical and medical device compounds present a unique chance to fill this gap by providing safer and more effective medications and treatments to combat cardiovascular diseases, their associated complications, and the underlying risk factors.

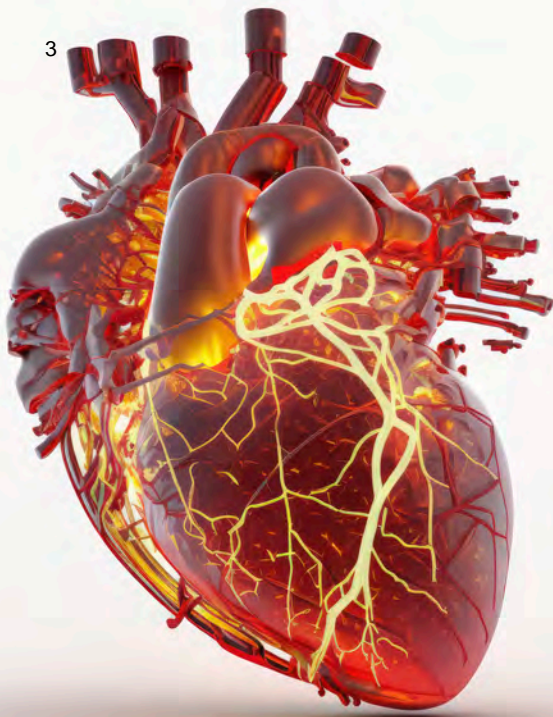
Evidence and experience are reshaping our understanding of life-threatening conditions like cardiovascular diseases. Increasingly, clinical experts view metabolic disorders—such as hyperglycemia, diabetes, obesity, inflammation, and dyslipidemia—not as isolated issues but as contributors to early cardiovascular diseases.

Globally, over 100 million people have conditions linked to cardiovascular disease, with an estimated 300 million suffering from diabetes, the majority (85–95 percent) having type 2 diabetes, often preventable. Cardiovascular disease ranks third in the total number of products in the pipeline, from preclinical to New Drug Application (NDA). New integrated expertise in metabolic disorders is vital.

As populations age and lifestyles trend towards sedentary, metabolic disorders have become one of the fastest-growing therapeutic areas, with projected drug sales reaching \$40.0 billion by 2024. Currently, less than five percent of the estimated 160 million obese individuals in major markets worldwide receive treatment, with compliance among this group hovering around 50 percent.

A wide range of compounds is also in clinical development for diabetes and its complications.

\*Source: WHO, CDC



*Advancing clinical development is not just about progress; it's about saving lives and shaping the future of healthcare globally. Every breakthrough, every trial, and every discovery bring us closer to transforming the landscape of medicine and improving patient outcomes.*

*Dr. Jorge Estrella MD.,  
President & Chief Medical Officer,  
ESTERN Medical CRO Life Sciences*

## PRECISION AND EXPERTISE IN ADVANCING CARDIOVASCULAR PHARMACEUTICAL AND MEDICAL DEVICE CLINICAL DEVELOPMENT

To truly influence the trajectory of cardiovascular disease outcomes, clinicians and R&D professionals must tackle metabolic disorders at the outset. The significance of lifestyle, diet, obesity, and diabetes as early indicators in this disease spectrum cannot be overstated.

ESTERN Medical CRO Life Sciences enhances your cardiovascular drug development journey with our specialized Clinical Development and Regulatory IND & NDA services.



We offer comprehensive R&D consulting and full CRO services, encompassing clinical trial regulatory strategy, innovative trial design, and meticulous protocol development for every stage of clinical Phase I, II, III & IV drug development—from inception through to commercial launch and beyond.

Our clinical team, a collective of experts in both cardiovascular pharmaceuticals and medical device development, excels in formulating strategic project plans, implementing effective risk management, and devising efficient patient recruitment strategies tailored to navigate the complexities of cardiovascular trials.

At ESTERN Medical CRO Life Sciences, our commitment to expediting your cardiovascular drug development process is backed by a broad spectrum of clinical research services. Leveraging our vast experience across a range of conditions such as heart failure, deep vein thrombosis, and hypertension, we're adept at addressing the multifaceted challenges inherent in cardiovascular clinical research and development. 3





## CARDIO PIONEERS: BRIDGING ELITE RESEARCH WITH GLOBAL PATIENT ACCESS

Achieving access to the right patient populations and top-tier investigatory sites is pivotal for the success of any clinical trial. A distinctive advantage we offer is our extensive international reach, supported by our clinical teams across the US, North America, and Latin America.

With more than 25 years of experience in conducting clinical trials, ESTERN Medical boasts significant relationships with a broad network of Key Opinion Leaders (KOLs) and research sites throughout these regions. Moreover, we've established strategic alliances with some of the most prestigious cardiovascular research medical centers of excellence in the U.S. and LATAM.

A testament to our capabilities, ESTERN Medical is renowned for its expertise in pivotal regions for cardiovascular research. Particularly in Latin America, we have a proven track record of converting complex cardiovascular clinical trial studies into narratives of success, driven by our ability to ensure continuous site motivation and active engagement.

***"ESTERN Medical Cro Life Sciences: Your partner in clinical trials drug development for single or multiple disorders, ensuring efficacy and safety in a diverse patient population."***



## PIONEERING ADVANCES IN CARDIOVASCULAR HEALTH

Our seasoned team boasts a successful track record in delivering cardiovascular projects across a broad spectrum of indications, including:

- Arterial Hypertension
- Angina Pectoris
- Coronary Artery Disease
- Cardiac Arrhythmias
- Cardiovascular Outcome Studies
- Deep Vein Thrombosis
- Heart Failure
- Hyperlipidemia/Dyslipidemia
- Peripheral Arterial Disease (PAD)
- Pulmonary Hypertension / COPD
- Venous Ulceration

# 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

### **ESTERN Medical CRO Life Sciences**

955 Massachusetts Ave. No. 203  
Cambridge, MA 02139 USA  
Tel: +1 (617) 395-0204

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



[Follow Us](#)



[Follow Us](#)



[Follow Us](#)