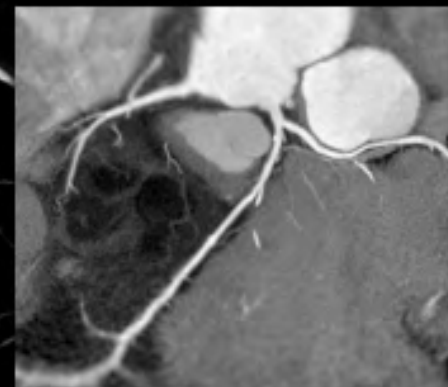
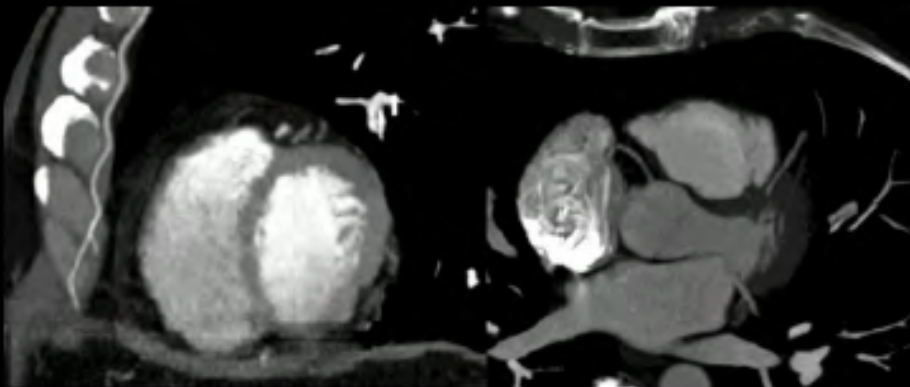
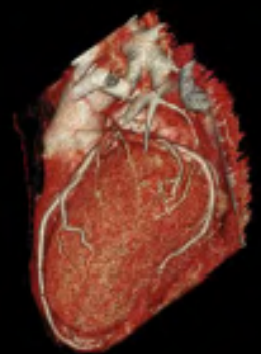
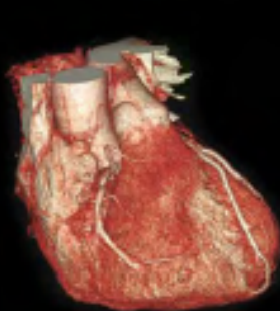
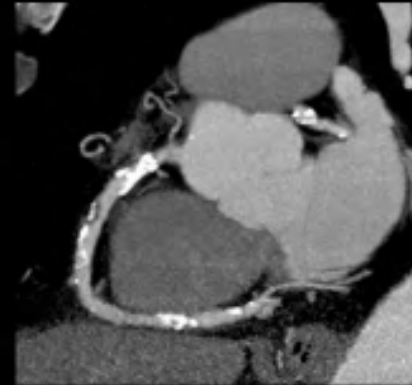
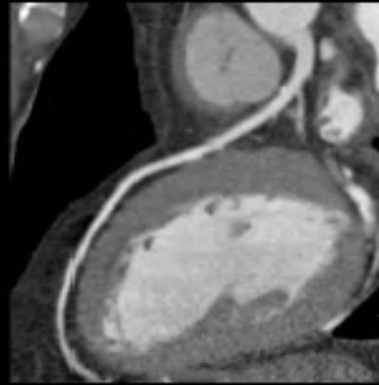
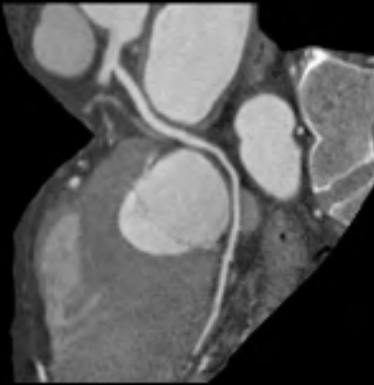




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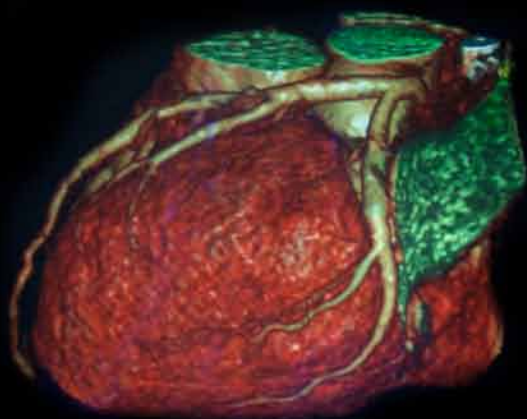


**Cardiology**  
**Our Evolutionary thinking in**  
**Clinical Trials Cardiovascular Studies**



**ESTERN Medical CRO,**  
Changing Lives, Unchanging Values





## THE CARDIOVASCULAR SCALE OF THE PROBLEM

Evidence and experience are changing our view on life-threatening conditions such as cardiovascular diseases. To more and more clinical experts, metabolic disorders, such as hyperglycemia, diabetes, obesity, inflammation and dyslipidemia, are no longer considered separate entities, but factors contributing to early cardiovascular diseases.

More than 100 million people globally have conditions associated with cardiovascular disease,<sup>1</sup> with an estimated 285 million people suffering from diabetes, the majority of whom (85–95 percent) have type 2 diabetes, which in many cases can be prevented.<sup>2</sup>

However, cardiovascular disease ranks third in terms of total number of products in the pipeline, from preclinical through New Drug Application (NDA).<sup>3</sup> New, integrated expertise in metabolic disorders is, therefore, vital.

As populations age and lifestyles become more sedentary, metabolic disorders will become one of the fastest-growing therapeutic areas, with estimated drug sales of \$38.0 billion by 2014.<sup>1</sup>

Less than five percent of the 160 million people estimated to be obese in major markets worldwide currently receive treatment, and compliance among this group is approximately 50 percent.<sup>1</sup>

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

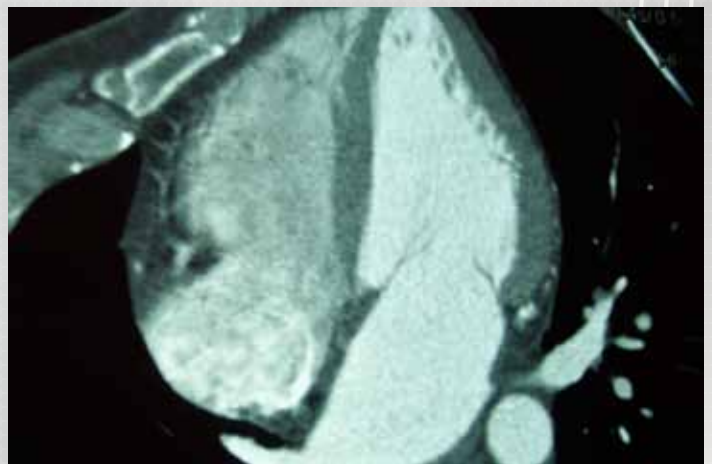


*For clinicians and R&D to have an impact on the incidence of "cardiovascular diseases", we need to start with metabolic disorders. Lifestyle, diet, obesity and diabetes, for example, are becoming more and more relevant in the early stages of this disease area.*

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

## OUR COMPREHENSIVE CARDIOVASCULAR EXPERTISE

At ESTERN Medical, we are committed to accelerating your cardiovascular drug development process through our full spectrum of clinical research services. We understand the challenges commonly associated with cardiovascular clinical development through our significant experience in various indications that include heart failure, deep vein thrombosis and hypertension. With an experienced international project team and internal experts, we are able to deliver access to experienced research sites and Good Clinical Practice (GCP) trained investigators in Europe, Latin America, North America.



Complementing your cardiovascular drug development needs is our Development and Regulatory group who are able to provide consulting services for regulatory strategy, trial design and protocol writing for all phases of drug development from the first clinical trial through to commercial approval.

In addition, our clinical team, comprised of internal experts in cardiovascular drug development highly experienced in providing robust project plans, risk management and patient recruitment strategies to meet the challenges of cardiovascular trials.







## ACCESS TO THE RIGHT PATIENTS, KEY OPINION LEADERS AND LEADING CARDIOVASCULAR RESEARCH CENTERS

Access to suitable patients and experienced investigative sites are critical to the success of any clinical trial. Another distinct advantage is our capability to offer global reach through our clinical teams located in Africa, Asia Pacific, Europe (West, Central and East Europe), Latin America and North America.

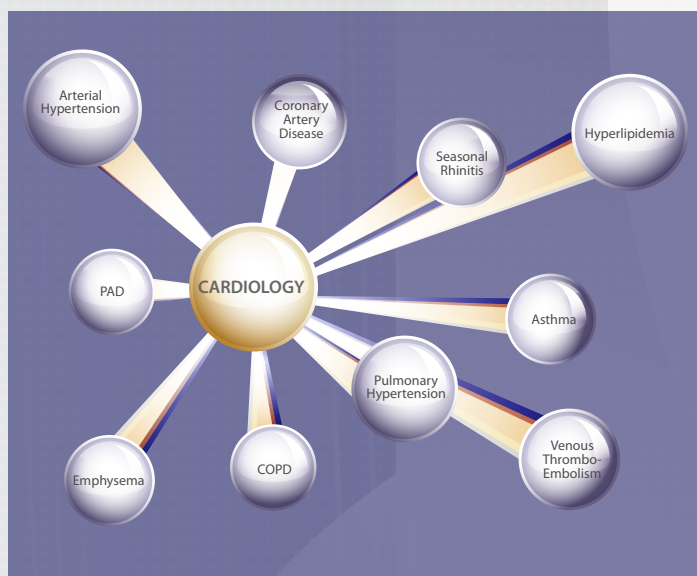
With more than 25 years of clinical trial experience, we have worked with many KOLs and sites located the regions mentioned above. We have also collaborated with a significant number of leading cardiovascular research centers of excellence across the globe.

ESTERN Medical has particularly strong relationships in the leading regions for cardiovascular trials, In Latin America, we have a track record of turning challenging cardiovascular studies into successes by keeping sites motivated.

***"Whether you're developing a drug to treat single or multiple disorders, or you need to validate efficacy or safety in this complex patient population, ESTERN is positioned to deliver"***

### References

1. Cowen and Company, "Therapeutic Categories Outlook," March 2010.
2. International Diabetes Federation, "Latest Diabetes Figures Paint Grim Global Picture," Oct. 19, 2009.
3. Cowen and Company, "Pharmaceutical Industry Overview," December 2009.



## EXTENSIVE CARDIOVASCULAR EXPERIENCE

Our team has successfully delivered cardiovascular projects covering the following indications:

- Angina Pectoris
- Cardiac Arrhythmias
- Cardiovascular Outcome Studies
- Deep Vein Thrombosis
- Heart Failure
- Hypertension
- Hyperlipidemia/Dyslipidemia
- Peripheral Arterial Disease
- Venous Ulceration

## Our Partners, Alliances & Sponsors



### Our Company International Reach

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

### Our Corporate Mailing Address:

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