

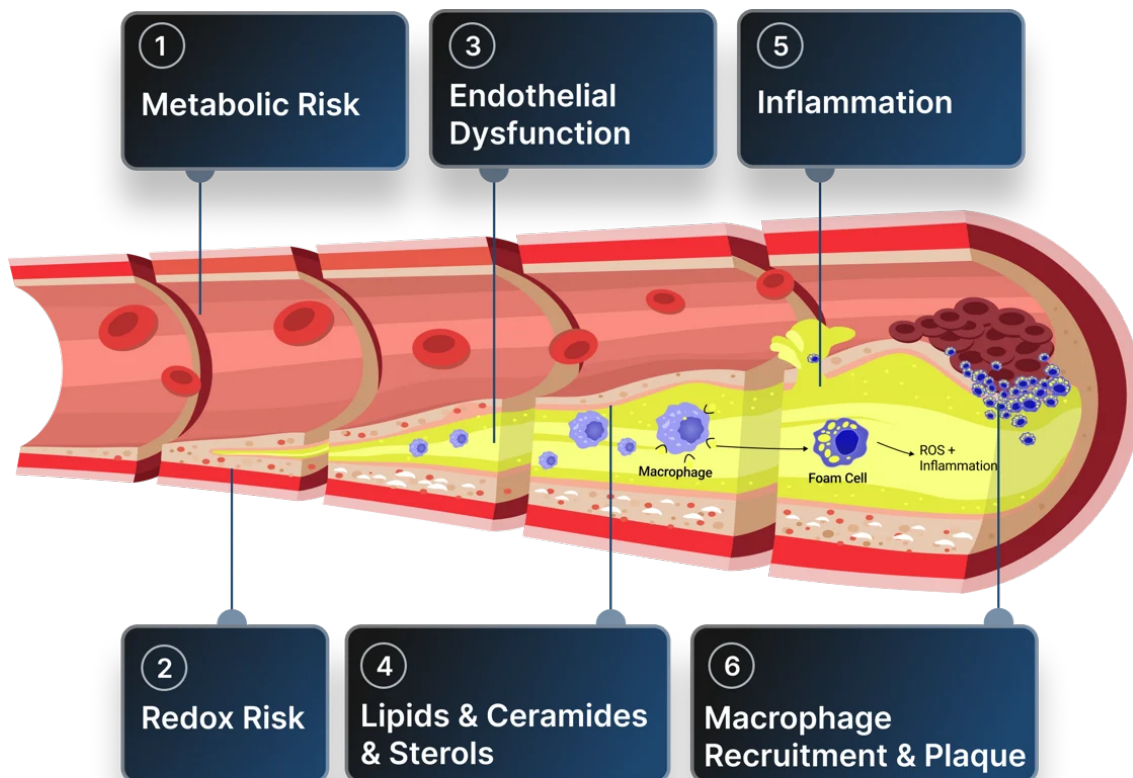
Two Breakthrough Tests. One Vision for Precision Cardiovascular Solutions.

Cardio Zoomer and Cardio Genetics

Why go beyond cholesterol?

Nearly **50% of heart attacks and strokes occur in people with “normal” cholesterol**. An extended cardiovascular panel provides a clearer risk picture so you can tailor precision solutions sooner and more precisely.

- **Sharper risk assessment:** Advanced markers surface inflammation, oxidative stress, endothelial dysfunction, particle quality, and metabolic drivers missed by routine labs.
- **Therapy guidance:** Results help determine **who truly benefits from statins** and when to consider **non-statin options** (e.g., **ezetimibe, PCSK9 inhibitors**) for stronger LDL-lowering or different mechanisms of action.
- **Actionable lifestyle cues:** Patterns such as elevated triglycerides or insulin resistance reinforce targeted **diet, exercise, and weight management** strategies alongside medication.



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Cardio Zoomer

Revealing the biology behind cardiovascular disease before it begins.

The Cardio Zoomer was designed to bring clarity to one of the body's most intricate networks, the heart and its connected vascular and metabolic pathways. Through a single blood and urine sample, it measures over 80+ markers that show how inflammation, oxidative stress, lipid balance, and metabolism interact to shape cardiovascular health.

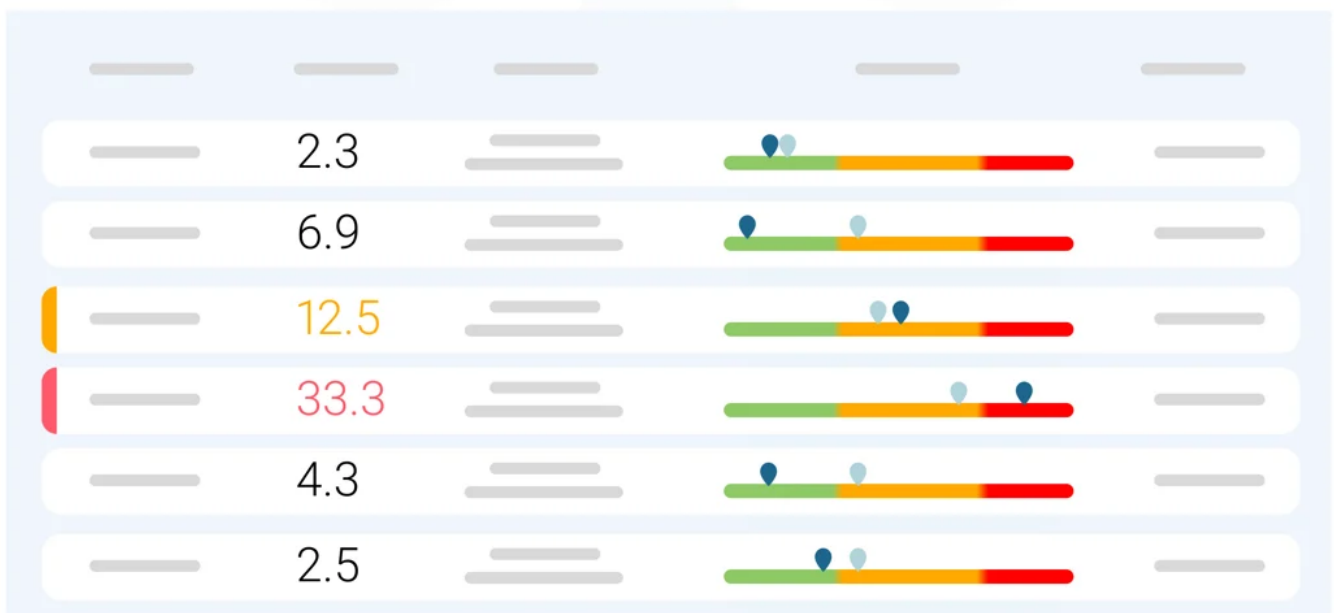
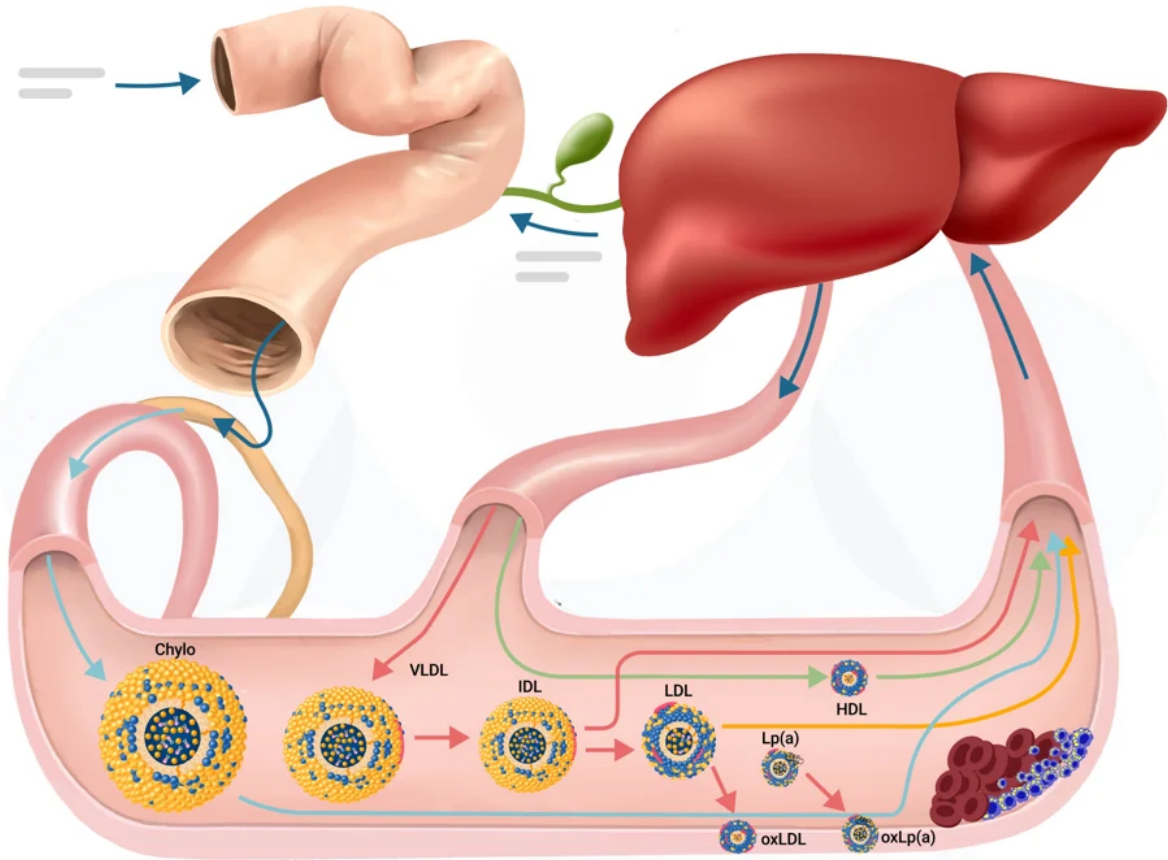


Highlights:

- **Reveals silent cardiovascular risk** through advanced markers of inflammation, oxidative stress, and endothelial function including hsCRP, 8-OHdG, and ADMA.
- **Delivers deeper lipid intelligence** with ceramide and apolipoprotein profiling that identifies atherogenic patterns missed by standard panels.
- **Detects early metabolic and mitochondrial stress** through markers such as TMAO and HOMA-IR to uncover hidden drivers of dysfunction.
- **Guides precision prevention** with sterol analysis that distinguishes cholesterol absorption from synthesis for targeted therapeutic insight.

The result is a detailed, research-based map of cardiovascular physiology that helps you and your patients understand not only where risk exists but why it develops, enabling earlier and more decisive action.

Lipids



Cardio Genetics

Understanding inherited risk with
next-generation precision.

Replacing the former CardiaX test, **Cardio Genetics** identifies the genetic blueprint that influences cardiovascular function long before abnormal labs appear. The test screens over 100+ variants involved in lipid metabolism, vascular tone, clotting, inflammation, and pharmacogenomics, connecting genetic predisposition to meaningful clinical insight.



Highlights:

- **Identifies inherited variants** that drive cholesterol imbalance, hypertension, and clotting tendencies.
- **Links genetic findings to therapeutic guidance** through pharmacogenomic insight that supports individualized treatment.
- **Reveals silent predispositions** that standard testing often overlooks.
- **Enables precision-driven prevention** by integrating genetic and biomarker data into one unified view of risk.

With Cardio Genetics, you can move beyond family history to a deeper understanding of the mechanisms that shape cardiovascular health and personalize precision solutions at its foundation.

ENDOTHELIAL DYSFUNCTION



Nitric Oxide Synthesis

Regulates vessel dilation and endothelial function; disruption increases hypertension risk.

Genes increasing risk: **NOS3**



Vascular Health

Encompasses vessel integrity and smooth muscle function.

Genes increasing risk: **KCNK5, ADR-B2**



Vascular Remodeling

Structural changes in vessels due to genetic effects on growth and stiffness.

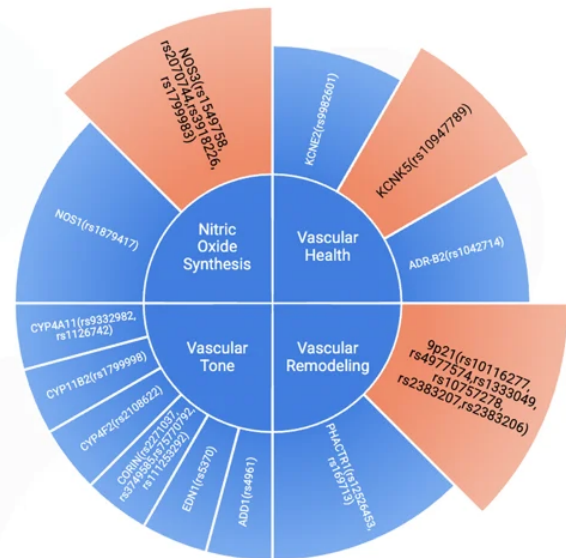
Genes increasing risk: **9p21, PHACTR1**



Vascular Tone

Controls vessel contraction/relaxation via smooth muscle genes.

Genes increasing risk: **CYP11B2, CYP4F2, CORIN**



Both tests are live and ready to order, call now to get started, (901)763-7006.

- **Cardio Zoomer** requires a blood draw and urine collection to evaluate real-time metabolic, vascular, and oxidative activity.
- **Cardio Genetics** is a blood-only test that identifies inherited cardiovascular risk and guides individualized therapy decisions.

Thank you for your trust in the Integrative Wellness & Research Center, Inc. Detecting early risks for Cardiovascular disease in advancing proactive, precision-driven cardiovascular medicine.

