



Therapeutic Areas: Cardiovascular and Cerebrovascular Disease Models

Cardiovascular and cerebrovascular diseases—including hypertension, heart failure, stroke, and atherosclerosis—are leading global health challenges. Animal models play a vital role in evaluating new treatments, from lipid-lowering drugs like PCSK9 inhibitors (e.g., evolocumab) in ApoE-/- mice to stroke therapies tested in MCAO models. Our validated models enable reliable preclinical assessment to support the development of innovative therapies in this critical field.

Disease Type	Animal Model / Study
Hypertension, Chronic Heart Failure (CHF)	Spontaneous hypertension (with CHF) model
	Model of coronary artery ligation-induced CHF
	Model of Iso-induced CHF
	Spontaneous hypertension (SHR) model
	Model of renal hypertension with abdominal aortic coarctation
	Echocardiography image enhancement test
Blood Stasis, Thrombosis, Coagulation	Model of dextran-induced blood stasis
	Model of Iso-induced blood stasis
	Arteriovenous bypass thrombosis
	Model of carrageenin-induced tail vein thrombosis
	Model of ADP-induced platelet aggregation
	Normal animal



*C55 Portable Color Doppler
Ultrasound System*



*MP150 Sixteen-Channel
Physiological Recorder*



*Automatic
Erythrocyte
Sedimentation
Rate Tester*



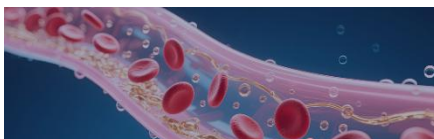
*Fully Automated Blood
Rheometer*



*Platelet Aggregation
Meter*



*Automatic Coagulation
Analyzer*



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