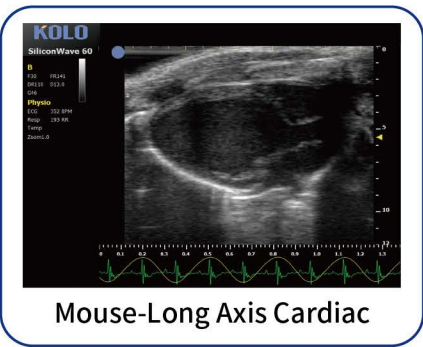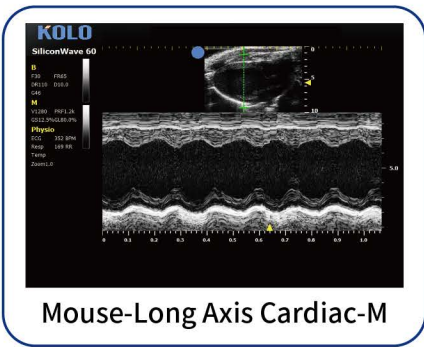# IMAGE GALLARY
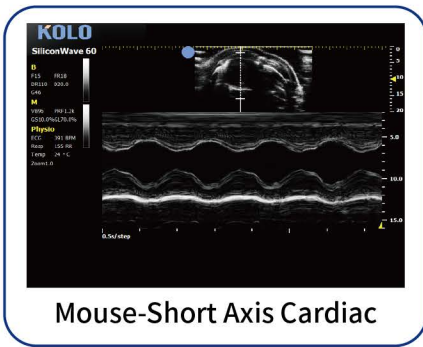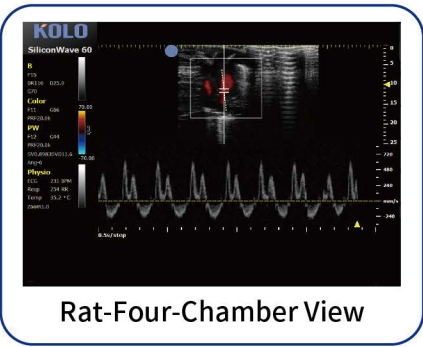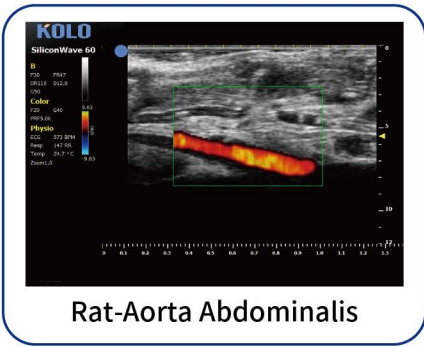

Mouse-Long Axis Cardiac
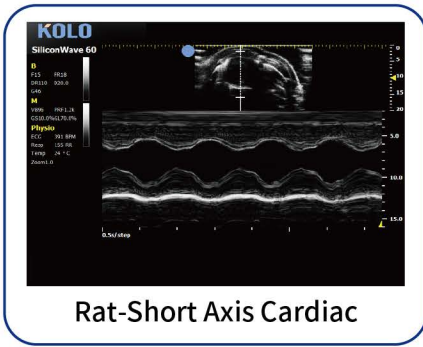

Mouse-Long Axis Cardiac-M
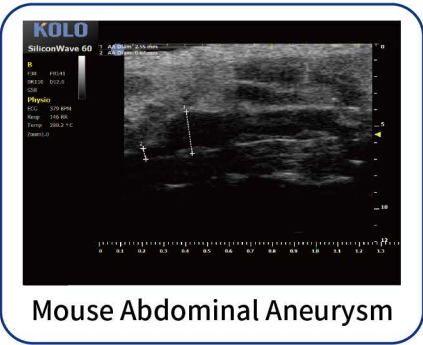

Mouse-Short Axis Cardiac
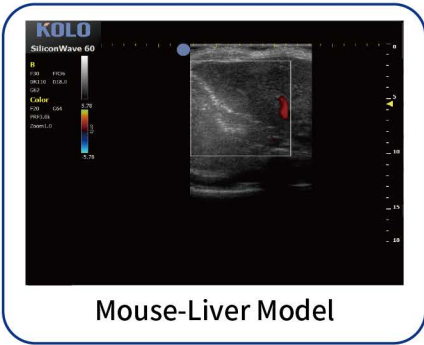

Rat-Four-Chamber View
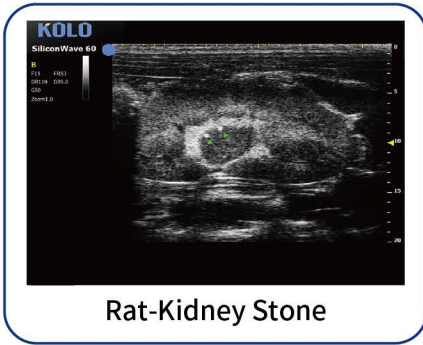
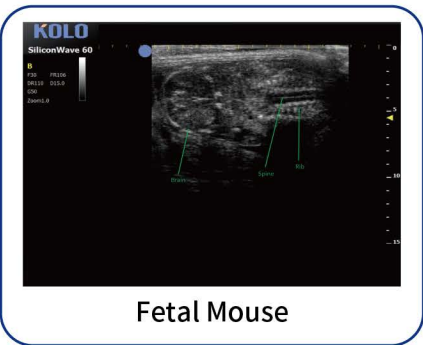
Rat-Aorta Abdominalis

Rat-Short Axis Cardiac

Mouse Abdominal Aneurysm

Mouse-Liver Model

Rat-Kidney Stone
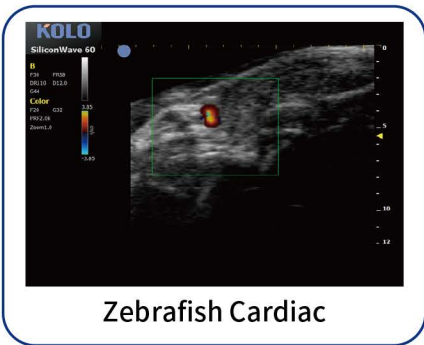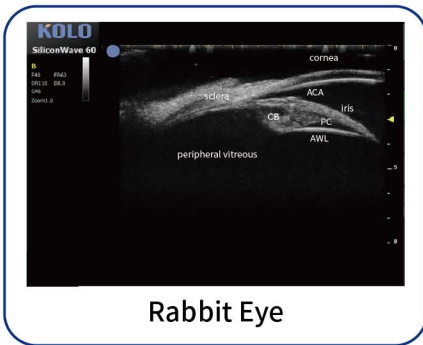

Fetal Mouse

Zebrafish Cardiac

Rabbit Eye

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Kolo Medical has focused on developing ultra-high-frequency ultrasound products over 10 years and proudly released SiliconWave series designed for preclinical research. The system is powered by the revolutionary CMUT semiconductor ultrasound transducer technology, leading ultra-high frequency AFE chip and consolidated with user-friendly Offline analysis workstation.

Ultra-high to low frequency ultrasound (70-8MHz) and sensitive color doppler allows researchers for imaging a range of animal models in cardiovascular, oncology, developmental, drug discovery and other fields with great efficiency.

Mouse Table:Physiological Monitoring

Alloy Frame:Rugged and Durable

Multiple Port:USB/HDMI/DICOM

Bench-Mounted Adjustable Rail System

Knob Adjustment:Save Operation Time

UHF Data Platform

Ultra-High Frequency AFE Chip
16 Bits Sampling Resolution
30μm Image Resolution

CMUT Semiconductor Transducer

Leading MEMS Technology
256 Elements Wide-Array
Frequency up to 70MHz

Offline Analysis Workstation

Scanning and Analysis Separately
Mass Data Import and Export
Save Experiments Time

Transducer	Animals	Applications
L62-38K3 Center Frequency 50 MHz		Cardiovascular、Vascular、Tumors、Superficial Tissue、Ophthalmology
L38-22K3 Center Frequency 30MHz		Vascular、Embryology、Superficial Tissue、Abdominal、Reproductive、Tumors、Rabbit Eyeball、Tumors、Cardiovascular
L28-12K3 Center Frequency 20MHz		Abdominal、Embryology、Tumors、Cardiovascular
L22-8K3 Center Frequency 15MHz		Vascular、Abdominal、Cardiovascular