



# FURIX

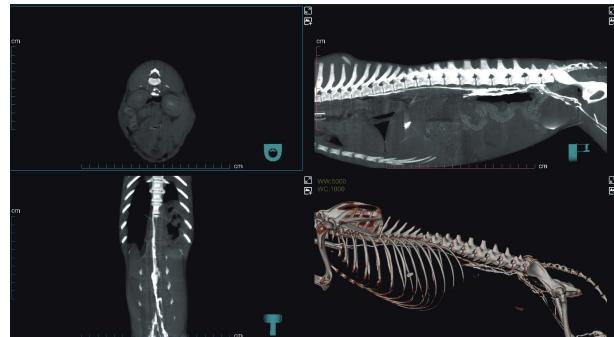
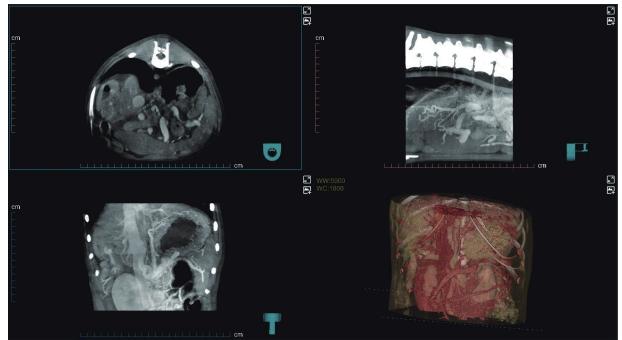
FCBCT 500

**Veterinary Cone-Beam Computed  
Tomography System**

# Clinical Case

## ► Acquired Portosystemic Shunt

CT angiography revealed multiple tortuous vessels near the left kidney, esophageal varices, and signs of primary liver disease.

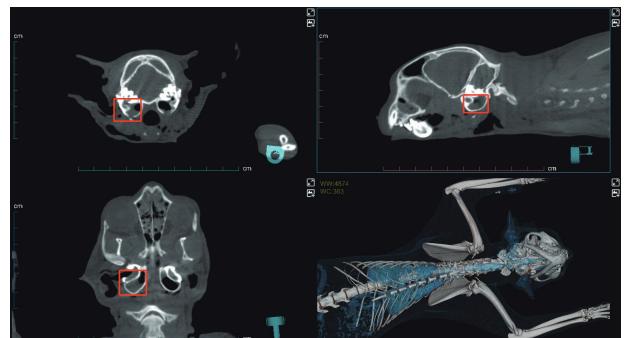


## ◀ Thoracic Duct Lymphangiography

Used to evaluate congenital/acquired limb edema, chylothorax causes, surgical outcomes, and tumor-related sentinel lymph nodes.

## ◀ Tympanic Cavity Empyema

CT imaging showed purulent fluid accumulation in the tympanic cavity with surrounding inflammation, correlating with head-shaking and ear discharge.



## Clinical Applications

Part	Case
Head & Neck	Cerebral Edema, Brain Hemorrhage, Sinusitis, Otitis, Mastoid Effusion, Nasopharyngeal Stenosis, Tracheal Narrowing, etc.
Dental	Periodontitis, Periapical Abscess, Alveolar Bone Atrophy, Oral Cyst, Tooth Root Resorption, etc.
Thoracic	Pulmonary Edema, Pulmonary Nodules, Interstitial Pneumonia, Pulmonary Inflammation, etc.
Abdomen	Abdominal Wall Inflammation, Peritoneal Fluid Accumulation, Urography, Renal Imaging, Gallstones, Pancreatitis, Kidney Hardening.
Vascular	Abdominal Three-Phase Angiography, Peripheral Artery Thrombosis, Vascular Stenosis, etc.
Spine	Spinal Canal Imaging, Spinal Protrusion, Vertebral Imaging, Spondylosis, Thoracic Spine Fracture, etc.
Tumors	Thyroid Tumors, Nasal Tumors, Ovarian Tumors, Renal Tumors, Adrenal Tumors, etc.
Others	Arthritis, Thoracic Duct Imaging, Peritoneal Calcification, etc.



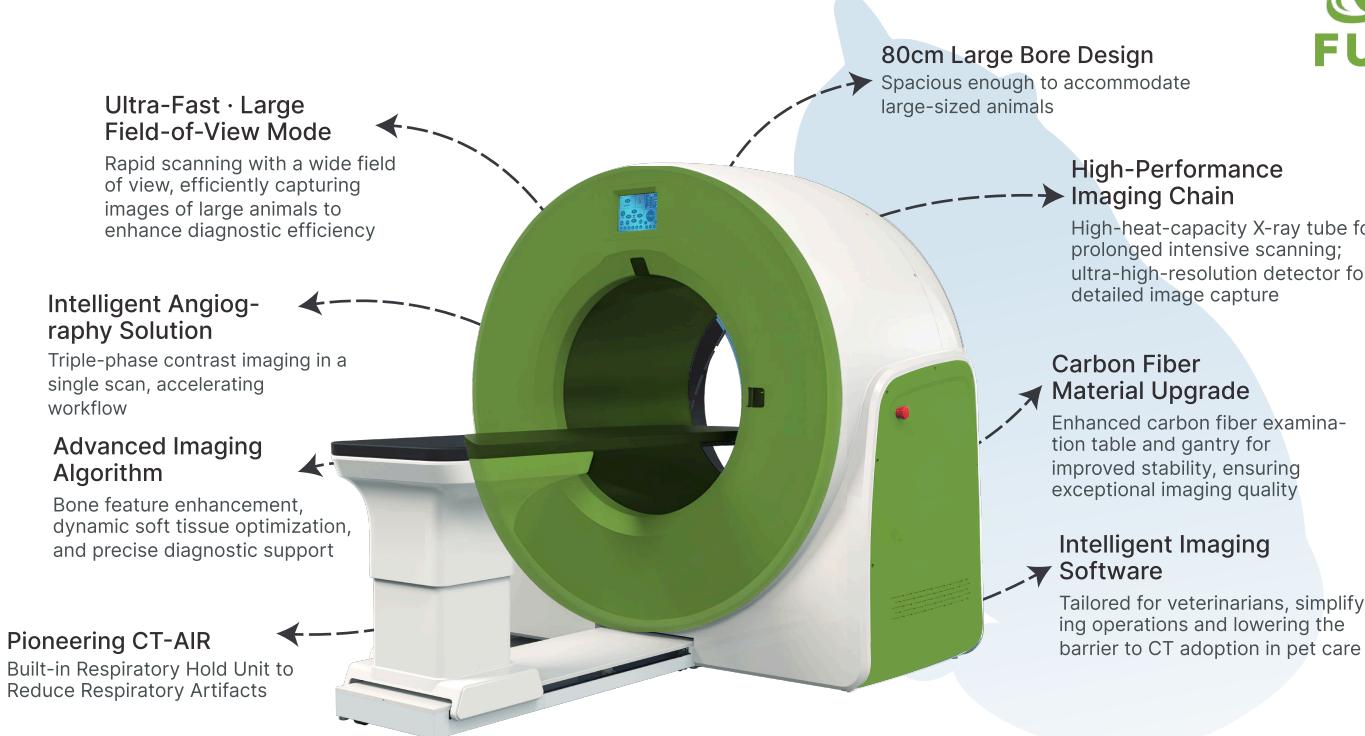
**Shenzhen Falcon and Furix Lifesciences Co. Ltd**

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## Image Quality

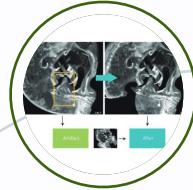
Weight Range	0-2kg	2-30kg	30-50kg	50-70kg
Imaging Effect	Medium	Excellent	Good	Passable

## Four-in-One



## Superior Artifact Correction Algorithm

Eliminates uncommon artifacts for crystal-clear imaging and accurate diagnosis



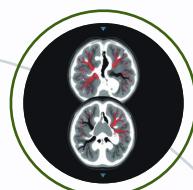
## Smart Dental Panoramic Mode

Comprehensive dental views for detecting subtle structural changes, aiding in oral disease diagnosis and surgical planning



## Automated Angiography

Simplifies triple-phase contrast workflows with intelligent software, enhancing efficiency



## Automated Diagnostic Reporting

Generates analysis and interpretation reports automatically, streamlining workflows



## Advanced Image Processing Algorithm

High-precision imaging safeguards animal health with enhanced CT processing



## Ultra-High-Density Projection (MIP)

Optimizes imaging parameters to minimize radiation while ensuring clinical quality



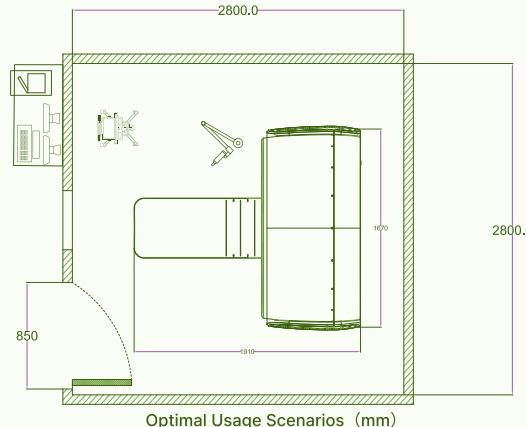
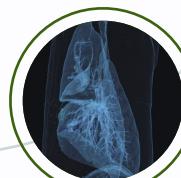
## Intelligent Dose Management

Optimizes imaging parameters to minimize radiation while ensuring clinical quality



## Vivid 3D Rendering

Simulates lighting and material effects for lifelike, intuitive visualization of internal structures



### Specifications

	Structure	O-shaped
Gantry	Aperture	31.5"(80cm)
	Nominal Power	15kW
	Input Power	220Vac±10%
	X-ray Tube Heat Capacity	150kJ
Table	Horizontal Movement	28.3"(720mm)
	Vertical Movement	11"(280mm)
Scan Parameters	CT Scan Slices	600-1000
	CT Slice Thickness	0.2-0.72mm
	CT Scan Time	4.5s
	Max.FOV (L x W)	28.3"×16.5" (72cm×42cm)

### Technical Requirements

Technical Requirements	Technical Specifications
Voltage	220Vac±10%
Power Resistance	≤0.5Ω
Frequency	50Hz±1Hz
Power Capacity	15kW
Power Cable	6mm <sup>2</sup>
Lead Shielding	3mm lead equivalent
Temperature	10°C-35°C
Humidity	30%-75%RH(Non-Condensing)
Air Pressure	700-1060hPa

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