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FUVCT 100

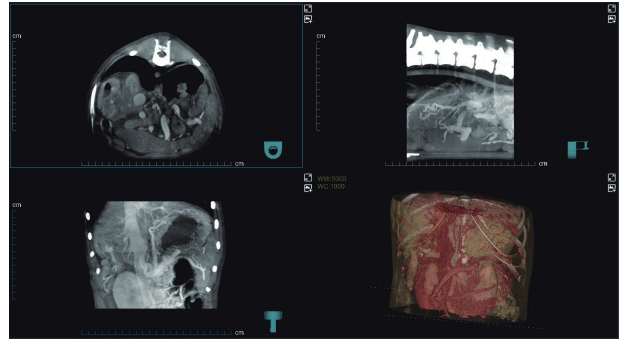
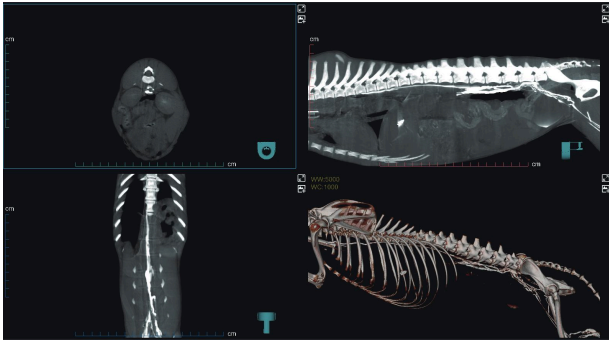
**Veterinary Computed Tomography
System**



Clinical Case

► Acquired Portosystemic Shunt

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

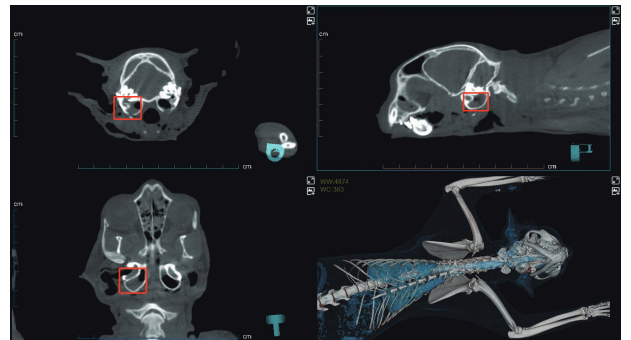


► Thoracic Duct Lymphangiography

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 Application

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.



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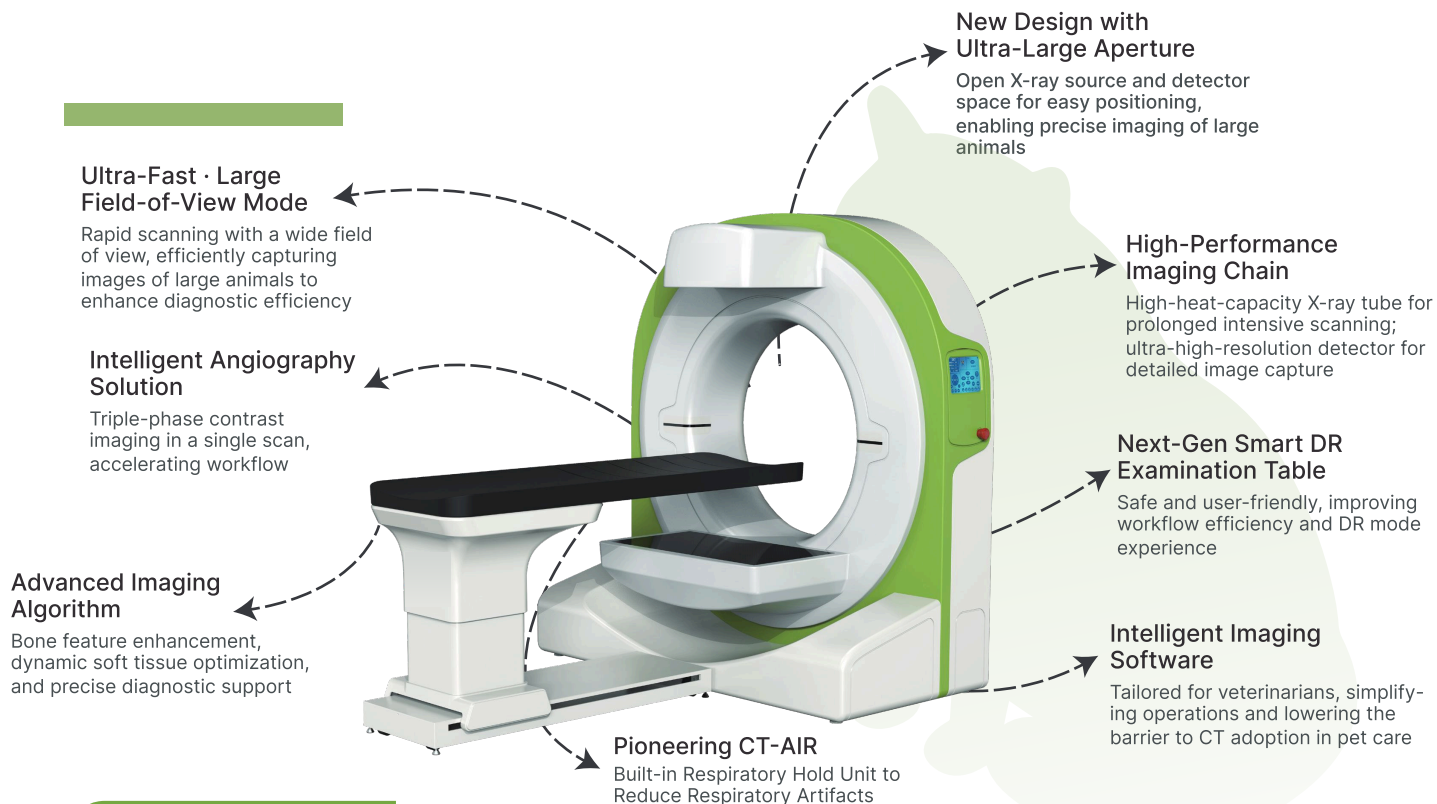


Image Quality

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

Four-in-One

Edge Enhancement; Multi-algorithms; Tools: TPLO/VHS/TTA

One Scan for Full Arch & Jaw

CT

DR

FL

Panoramic Dental

4.5s Ultra-Fast Scan/0.2mm Ultra-Thin Slice Thickness/42cm×72cm FOV/CT-AIR Breathing Hold

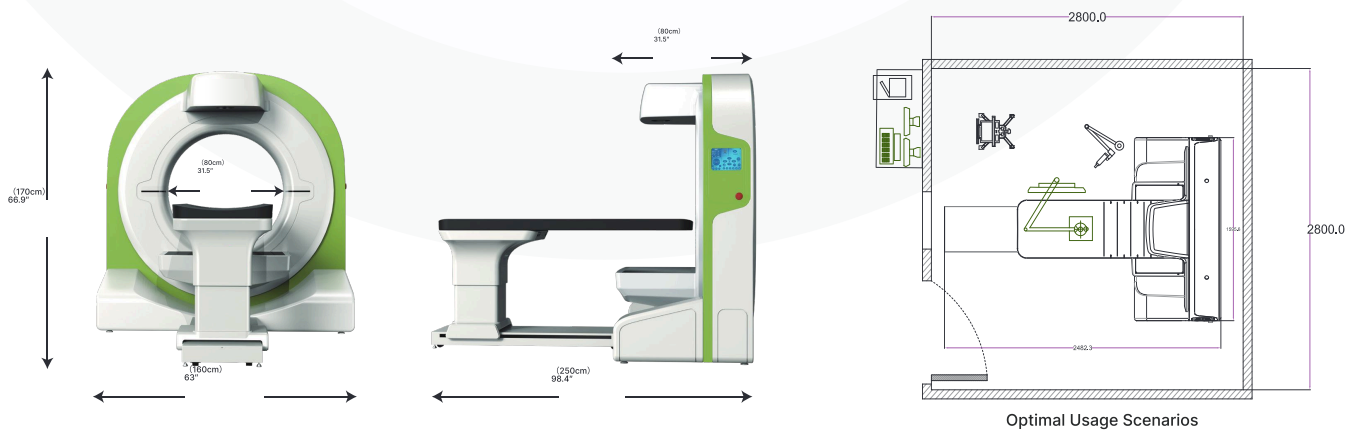
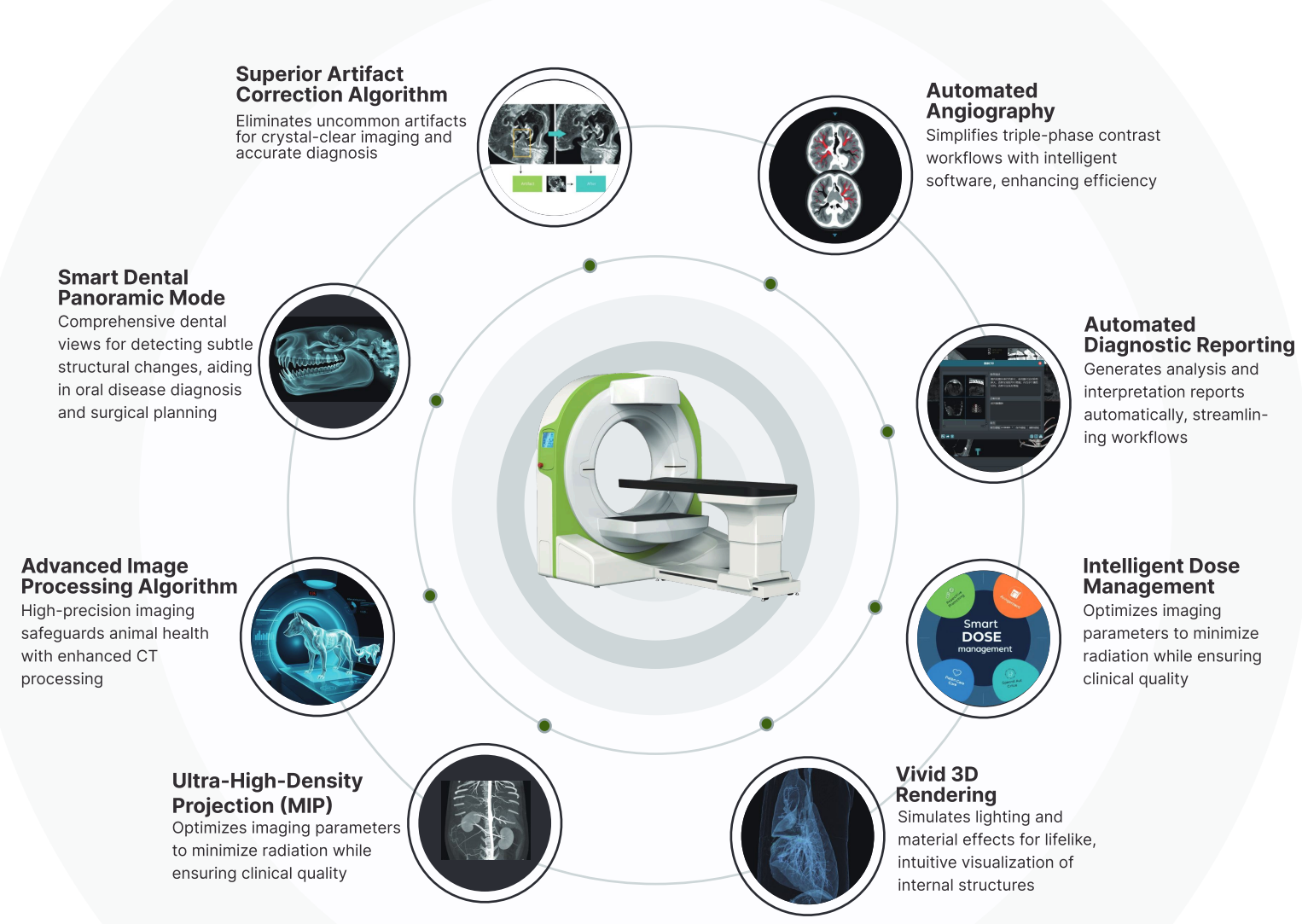
Real-Time Dynamic Enhancement with 1-Minute Continuous Exposure for Precise Lesion Detection



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Specifications

Gantry	Structure	Ring-shaped
	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"

Technical Requirements

Technical Requirements	Technical Specifications
Voltage	220V±10%
Power Resistance	≤0.5Ω
Frequency	60Hz±3Hz
Power Capacity	15kW
Power Cable	6mm²
Lead Shielding	3mm lead equivalent
Temperature	10°C-35°C
Humidity	30%-75%
Air Pressure	700-1060hPa