



MORE PRECISE, SIMPLER, FASTER
Professional High-End Medical Equipment for Veterinary Medicine

The 2nd-Generation CBCT **Modle X7 | X9** **A CBCT THAT PERFORMS ALMOST LIKE A SPIRAL CT**

BK – Affordable Digital Solutions for Veterinary Clinics

BK – 2nd-Generation Cone Beam Computed Tomography System

TELEMEDICINE

CT Mode
DR Mode
3D VR Reconstruction



All-New 2nd-Generation CBCT by BK Healthcare

Nearly Equivalent to Spiral CT

Finer, Faster, More Accurate

0 Renovation

220V Standard Power + 6m² Space Only
Seamless Upgrade for Existing Clinics

0 Worries

Radiation 99% Lower Than Spiral CT
Diagnostic Performance
Nearly Identical to Spiral CT

0 Technical Cost

Expert Cloud Image Interpretation

Real-Time Display Panel + Physical Button Control Panel

7-inch Screen Displays Real-Time Dosage & Table Status
Physical Buttons Prevent Misoperation
Dual-Side Large Button Panel
Integrates Angle Adjustment, Laser Light Control, and Table Movement
Enables Easy One-Handed Operation from Any Clinical Position

800 mm Large Aperture

Easily Accommodates Medium and Large Animals

Carbon Fiber Patient Table

High-Grade Carbon Fiber Table – Excellent X-ray Transparency, High Load Capacity, Lightweight
Eliminates Metal Artifacts During Scanning, Improves Image Quality

Up to 100 kg Load Capacity

Large Table Design Meets All Clinical Scanning Needs for All Species

Compact Footprint, Robust Structure, Superior Stability

Total Weight: 1000 kg | Gantry Weight: 700 kg
Minimum 6 m² Space – 1/5 the Size of a Spiral CT
Core Stability Components Imported
700 kg Gantry Ensures No Displacement or Deformation During Rotation

6m²

ENHANCED CONTRAST, SUB-MILLIMETER RESOLUTION

Nearly Equivalent to Spiral CT Standard

Higher Contrast, Close to 32-Slice Spiral CT
More Grayscale Levels = More Accurate Diagnosis
High-End Configuration with Advanced Processing Algorithms
13 LP/mm High Spatial Resolution – Ultra Sub-Millimeter Level

MULTI-SPEED SCANNING MODES

Flexible, Efficient, Accurate, for All Patient Conditions

5-Second Ultra-Fast Scan – For Dyspneic, Unstable, or Anesthesia-Uncooperative Patients, Minimizes Motion Artifacts

8-Second Standard Scan – For Skeletal Imaging, Excellent Artifact Control

16-Second High-Definition Scan + Breath-Hold Technique – Clear Soft Tissue Details, Fewer Artifacts

ULTRA-THIN 1024 SLICES NO FALSE LABELING

Up to 1024 Slices, No Data Gaps, Eliminates Missed Lesions

0.19–0.76 mm Ultra-Thin Slices, 512–1024 Adjustable Slices, 2nd-Gen CBCT Delivers Gapless Precision Slicing
No Fake High Slice Counts by Spacing Compression, Up to 30 cm FOV, Full Data Acquisition & Reconstruction in One 360° Scan

APPROACHING REAL CT VALUES

Breaks Technical Barriers, Delivers Outstanding Cost-Effectiveness

Nearly aligned with spiral CT diagnostic standards. CT value deviation < 1% in R&D water phantom testing.
Breaks the myth that “CT values are exclusive to spiral CT” and surmounts industry technical bottlenecks.

*CT values may vary due to respiratory and motion artifacts, for reference only

REVOLUTIONARY IMAGE ALGORITHM

New Spiral CT-Grade Filtering Algorithm, Minimal Noise

- 1、50% Lower Noise Than Competitors – Clearer Images
- 2、2nd-Gen Anti-Interference High-Precision Reconstruction Advanced 3D VR Reconstruction
- 3、Triple-Phase Contrast Enhancement – Greatly Improves Lesion Detection

2nd-Gen



User-Friendly Software - Spiral CT Workflow

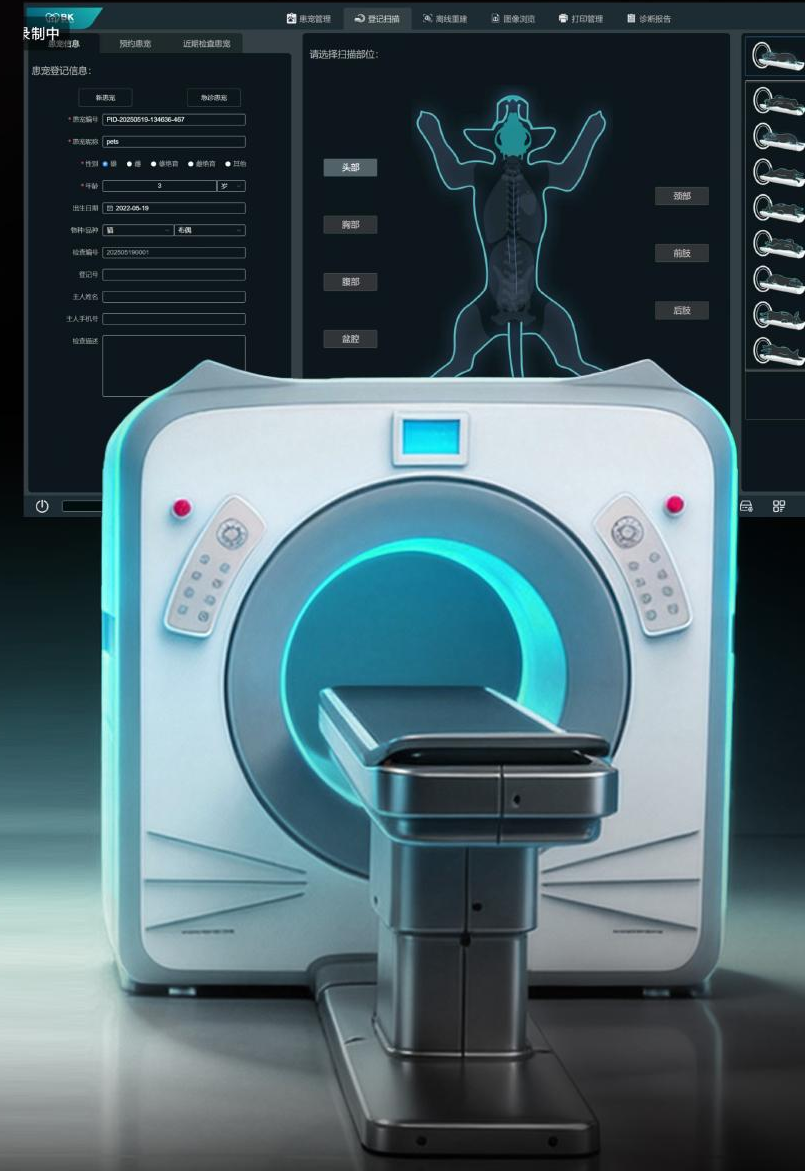
EASY

Minimizes Learning & Operation Costs

Any User with Spiral CT Experience Can
Operate Immediately with Zero Learning Curve

Most pet CBCT devices on the market have their operational logic and scanning parameters adapted from DR workflows, which leads to significant differences compared to spiral CT. As a result, veterinarians must invest additional time in learning and adapting to their specific operation logic.

BK 2nd-Gen CBCT Uses Identical Workflow as Standard Spiral CT
No Need to Rebuild Operational Habits
Greatly Reduces Training Time & Cost



Comprehensive Radiation Protection

Protection Exceeds Industry Standards,
Meets International Norms

Core Hardware: iray V4 Detector, Human-Grade
Generator & Tube
Meets China, EU, US, Japan Safety Standards
Radiation Only 1/100 of Spiral CT

No Door Closed = No Radiation

Door Interlock Technology

Eliminates inadvertent high-voltage activation caused
by unclosed doors, safeguarding veterinarians and pet
owners from potential radiation hazards.

Imported Core + Multi-Layer Software & Hardware Protection

Safer & More Stable High-Power Operation

Combines multiple layers of software and hardware
protection with high-quality core components to
ensure enduring performance and electrical safety
under intensive use.

BK Care About Veterinary Safety
Ultra-Low Radiation – Human Medical Grade Standard

Lower Radiation, Higher Safety





● Gen 1 & Gen 2 Common Features ●

800 mm Aperture + 100 kg Load Capacity

Easily Scans Medium & Large Animals
Carbon fiber patient table with high load capacity;

Genuine Precision Slicing

High-Precision Continuous Slicing with Superior Slice Count & Thickness
Free adjustment of slice thickness, slice count, and DFOV to enable precise imaging for different anatomical sites and diagnostic needs.
Minimum Slice Thickness ≤ 0.2 mm
512–1024 Adjustable Slices

Fiber-Optic Transmission

45 fps Ultra-High-Speed Transfer
Strong Anti-Electromagnetic Interference
Delivers High-Resolution Data Efficiently
Reduces Transmission Artifacts & Signal Distortion

Ultra-Low Radiation

Human Medical Grade Standard
Lower Radiation, Higher Safety
Protects Veterinary Staff Health

1000 kg Heavy-Duty Complete Unit

Stable Core, Reliable Rotation, Less Frequent Calibration

18 kW Ultra-High Power

Ensures Adequate Penetration for Large Dogs & Livestock, Superior Heat Capacity
Ensures Stable Performance During Long Scans

Multi-Artifact Reduction & Correction

Intelligent algorithms suppress metal artifacts that obscure surrounding tissues, precisely restoring the true appearance of anatomical structures with lower noise levels.

Offline Reconstruction

Built with spiral CT-grade reconstruction system, full raw data preserved in one scan.
Adjustable slice thickness, DFOV and imaging algorithms enable one-scan multi-reconstruction.
Less re-shooting and anesthesia, lower radiation; supports both high-definition anesthetized imaging and non-anesthesia clinical screening.



Model X1|X5|X7|X9

Expert Rapid Interpretation
Prompt After-Sales Service

Intelligent Special Functions

 Standardized and customizable protocol library. Precisely optimized exposure dose and algorithm curves for high efficiency and ease of use.

 Same parameter settings as spiral CT, with precise control over exposure, reconstruction thickness, slice interval, DFOV and more.

 Supports advanced 3D reconstruction functions including VR, MPR, AIP, MIP, MinIP, and more.

 Supports contrast-enhanced scanning / triphasic angiography.

Slice thickness and interval are user-adjustable.

序列描述	
转速	16 s/r
体型	中
kV	100 kV
mA	32 mA
扫描模式	高清
重建参数	
重建算法	骨骼
重建矩阵	1024x1024
层厚	0.528 mm
层间隔	0.528 mm
重建图像数	384
DFOV	200 mm
中心(X/Y)	0.00 / 0.00
常用窗值	骨骼
窗宽窗位	3800 / 1000
重建功能	☐ 金属伪影校正 ☒ 骨伪影校正 ☐ 环状伪影校正 ☐ 图像域降噪 ☐ 投影域降噪



MODEL SPECIFICATIONS



2608mm × 1663mm × 1750mm
(Overall width including machine and patient table)



2608mm × 2110mm × 1904mm
(Overall width including machine and patient table)

BK-ModelX7

BK-ModelX7	Parameters/Specifications
Function Modes	CT, DR
Aperture	800mm
Maximum CT Scanning Layers	768 Layers
Thinnest Slice Thickness	0.26mm
CT Scanning Time	Minimum 5s
Maximum CT Imaging Field of View	30×80cm
DR Imaging Field of View	43cm×43cm
High Precision Imaging	45 Frames/s
Maximum High Voltage Power	18kW
Table Load Capacity	100kg
Computer Configuration	CPU-i7 Series, 64GB RAM, 1TB SSD (OS + APP), 1TB SSD (Raw Data), 2TB HDD (Backup Data), High-end dedicated GPU

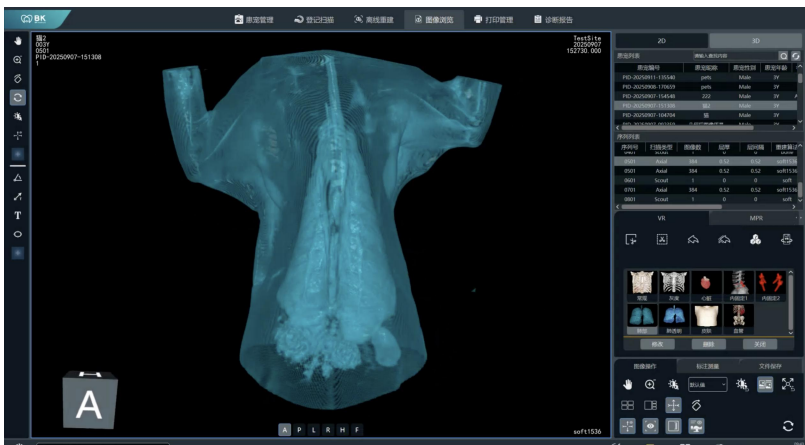
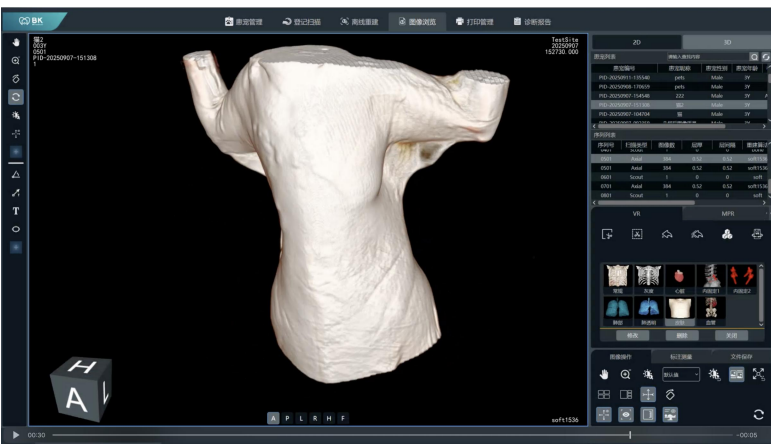
BK-ModelX9

BK-ModelX9	Parameters/Specifications
Function Modes	CT, DR
Aperture	800mm
Maximum CT Scanning Layers	1024 Layers
Thinnest Slice Thickness	0.19mm
CT Scanning Time	Minimum 5s
Maximum CT Imaging Field of View	30×80cm
DR Imaging Field of View	43cm×43cm
Acquisition Speed	45 Frames/s
Maximum High Voltage Power	18kW
Table Load Capacity	100kg
Computer Configuration	CPU-i9 Series, 64GB RAM, 1TB SSD (OS + APP), 2TB SSD (Raw Data), 2TB HDD (Backup Data), High-end dedicated GPU

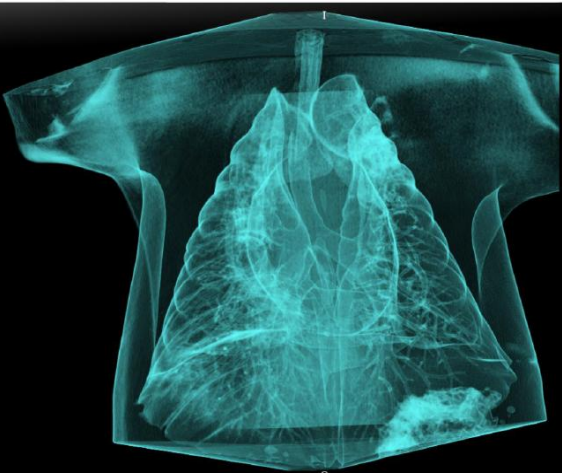
BK-Image

3D Rendering

Intuitive, Stereoscopic, Realistic



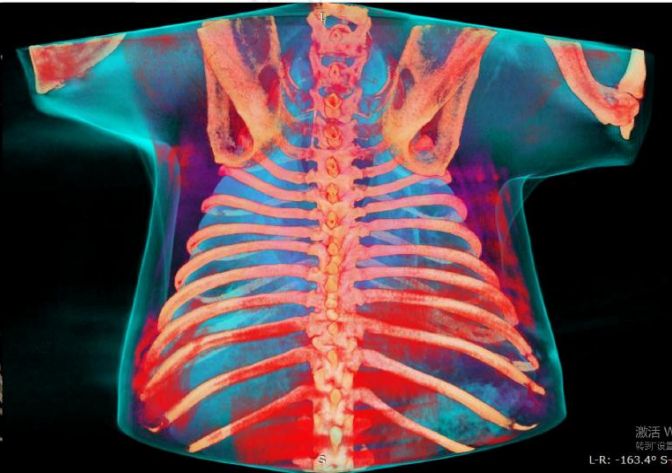
VR Mode - Grayscale



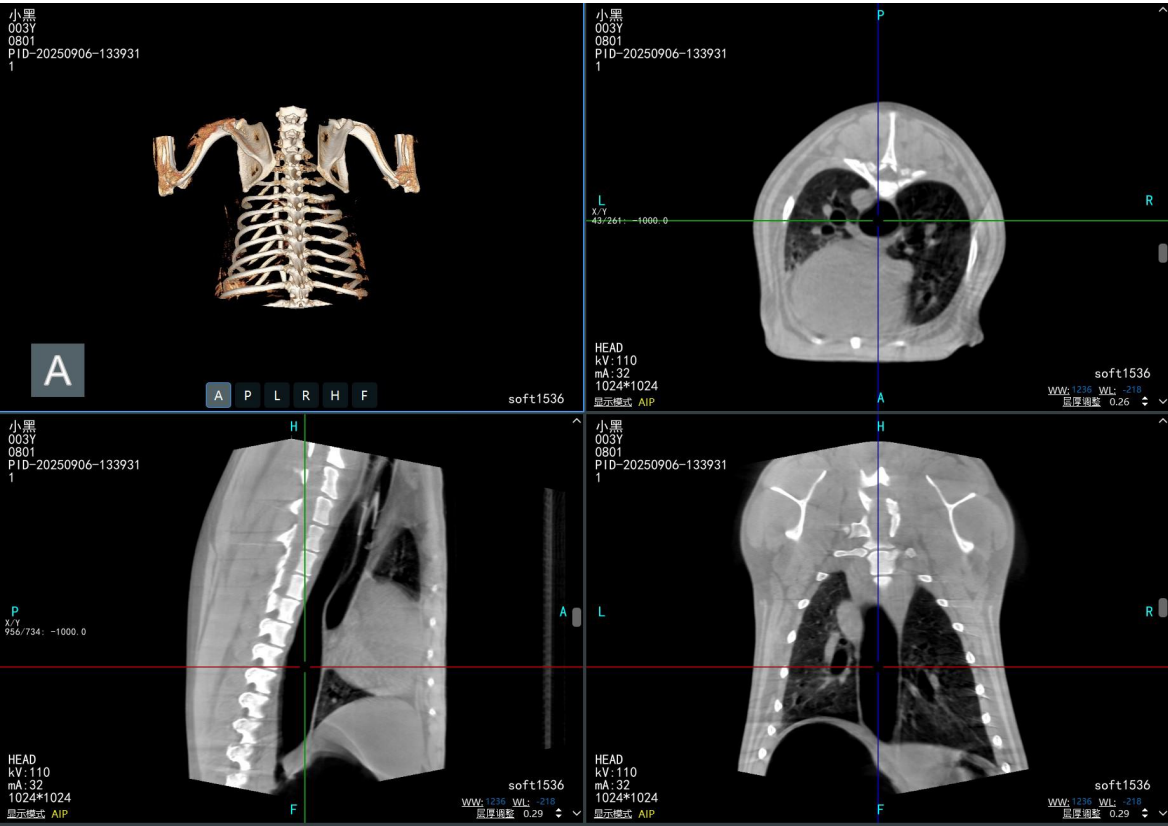
VR Mode - Lung Transparency



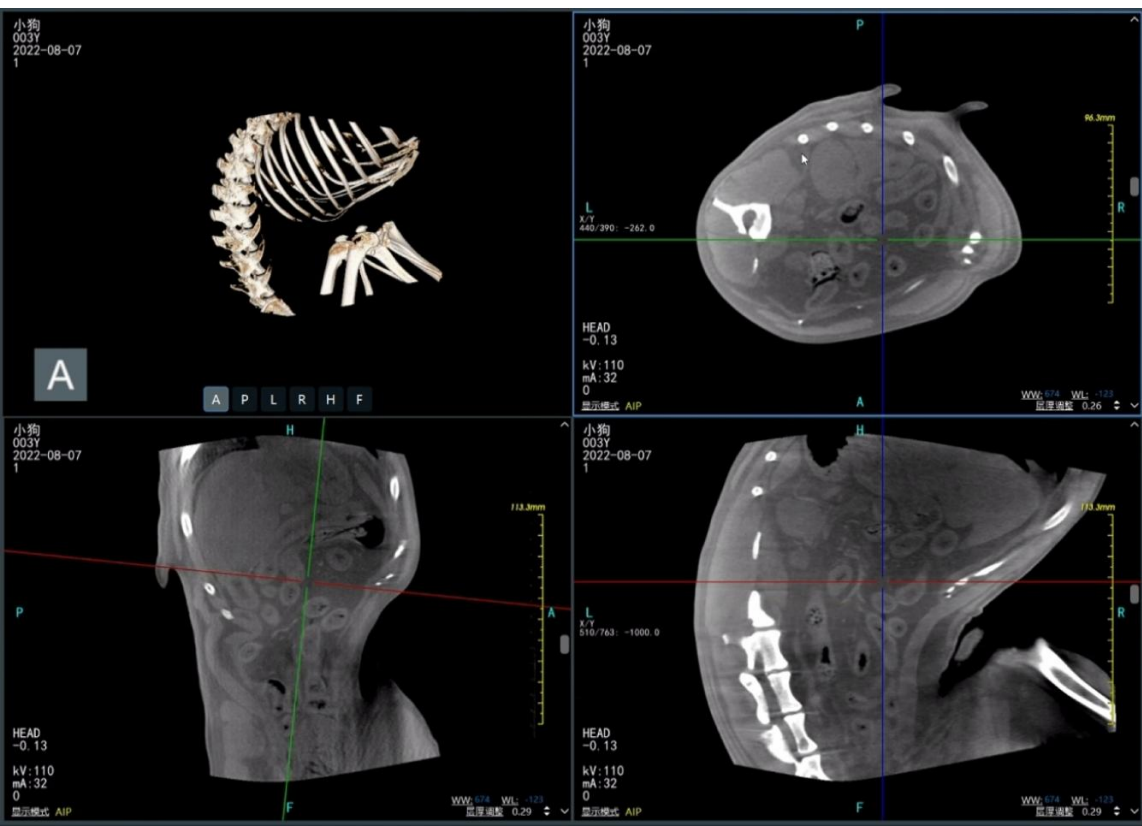
VR Mode - Normal



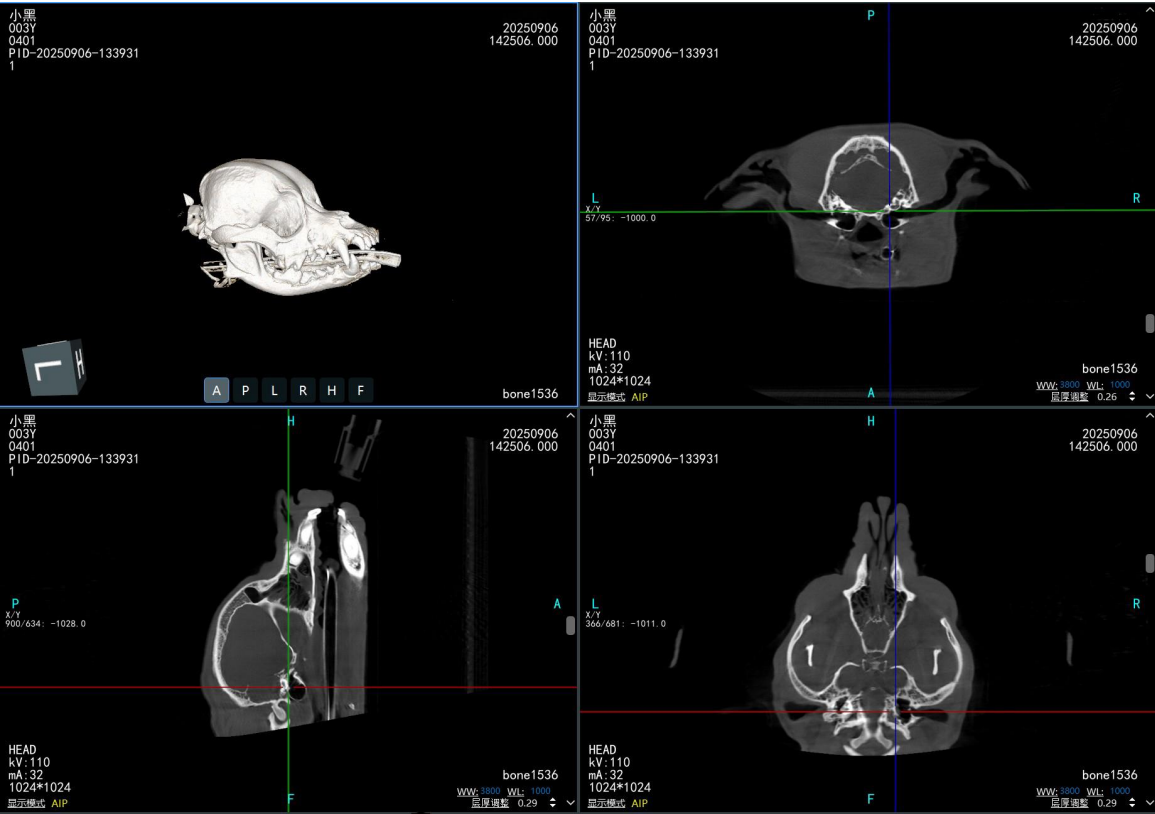
VR Mode - Vascular



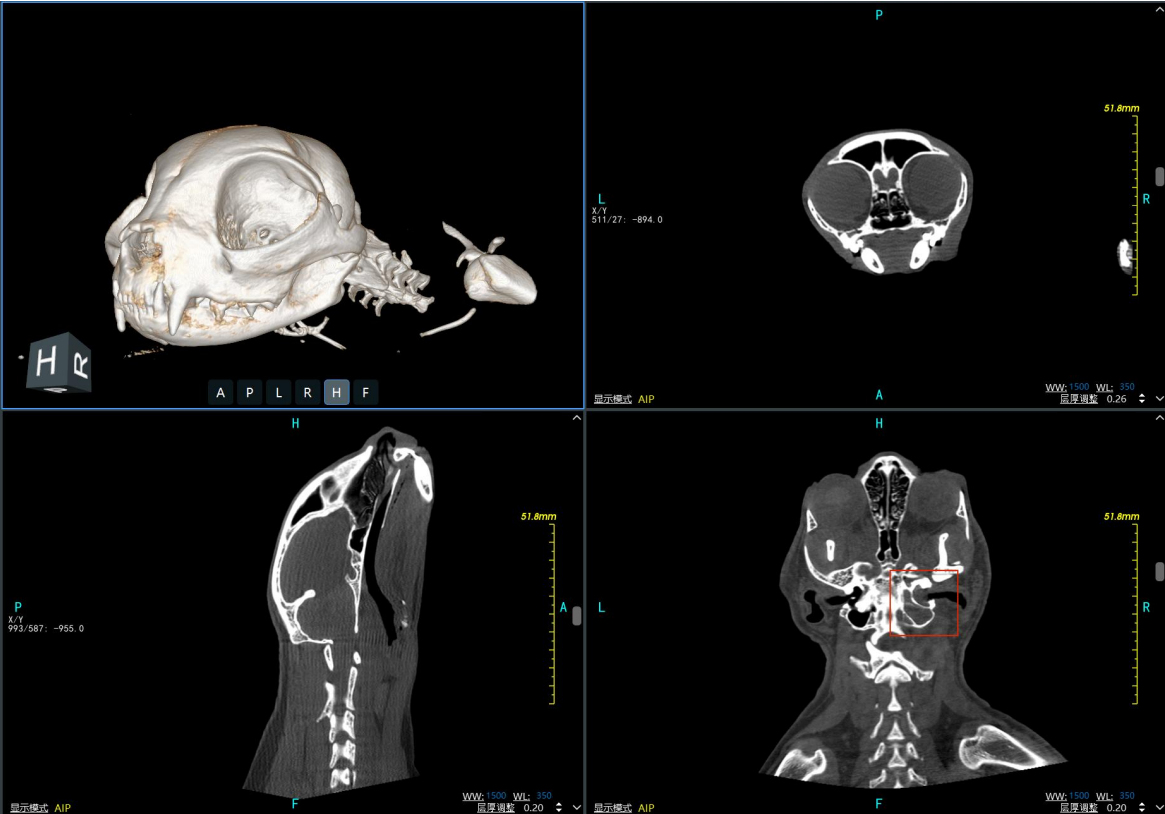
Canine - Thorax & Abdomen



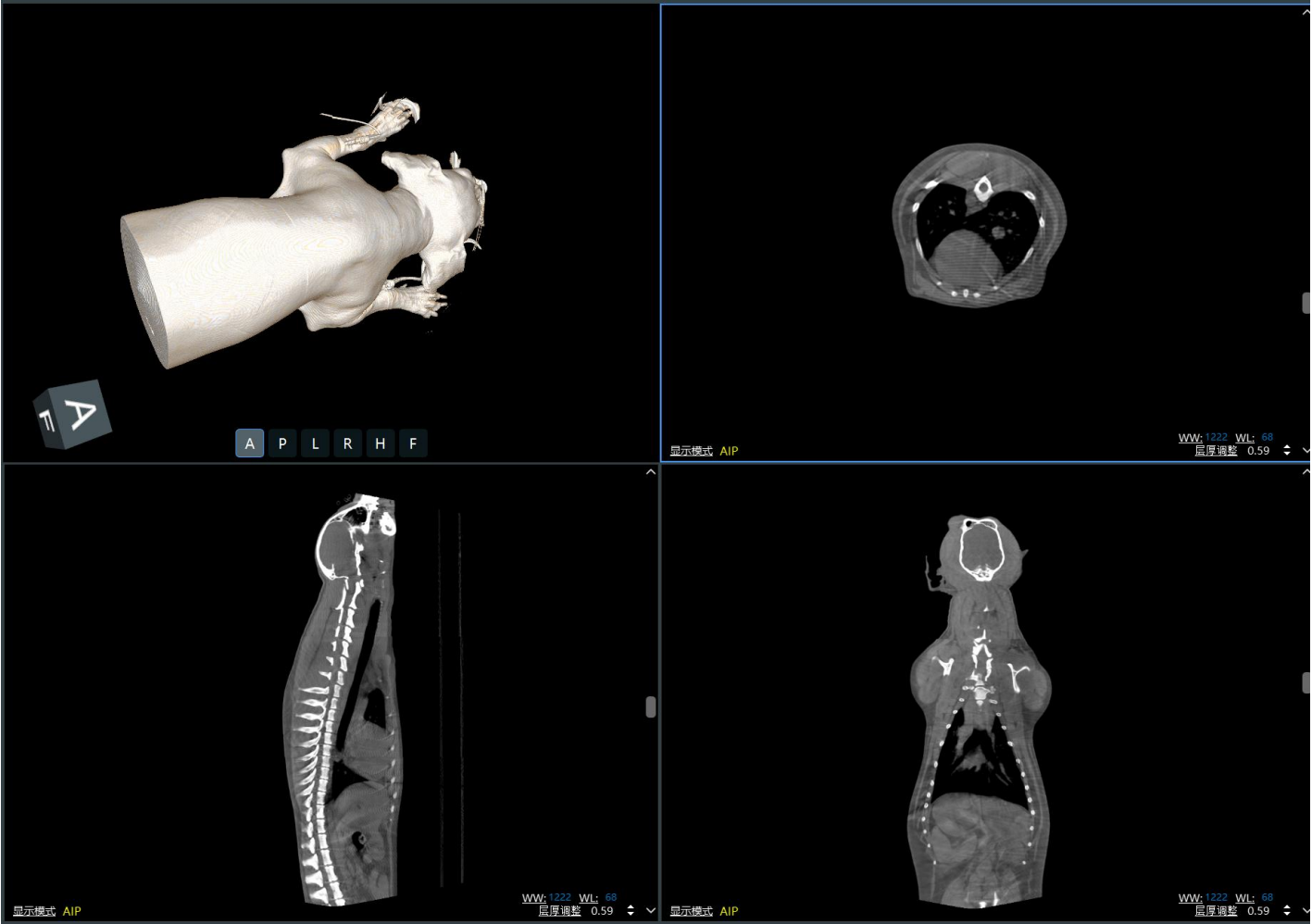
Canine - Thorax & Abdomen



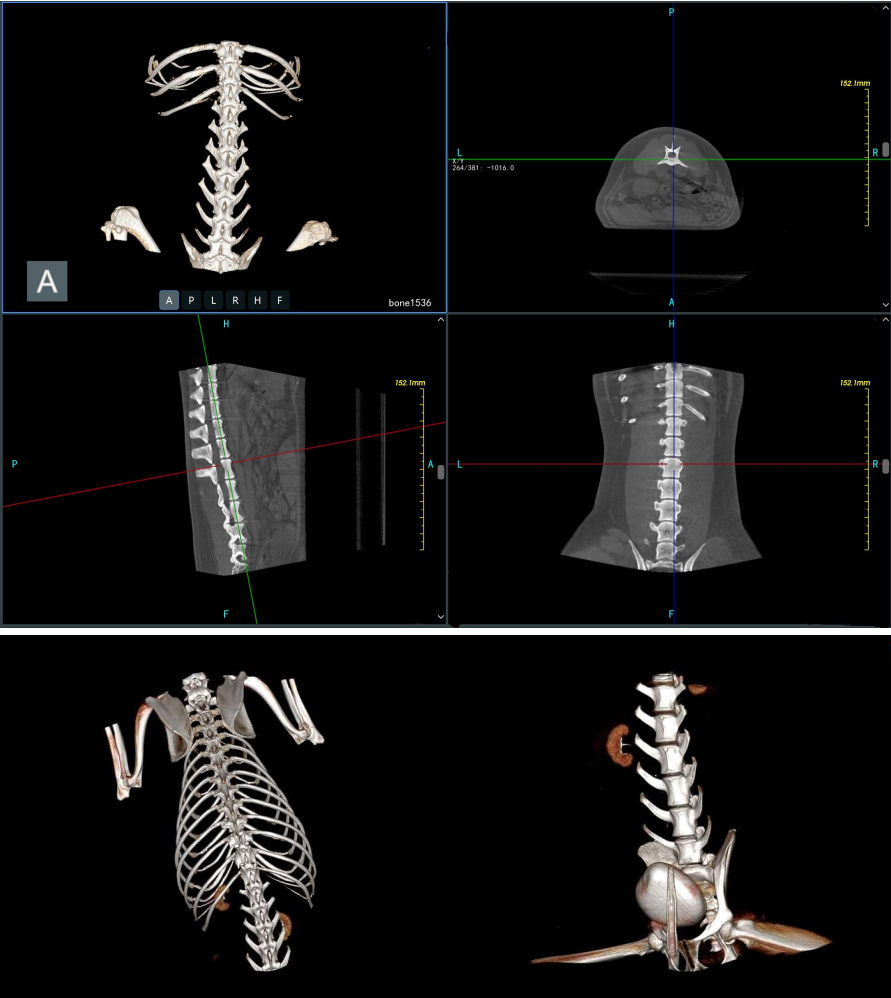
Canine - Head



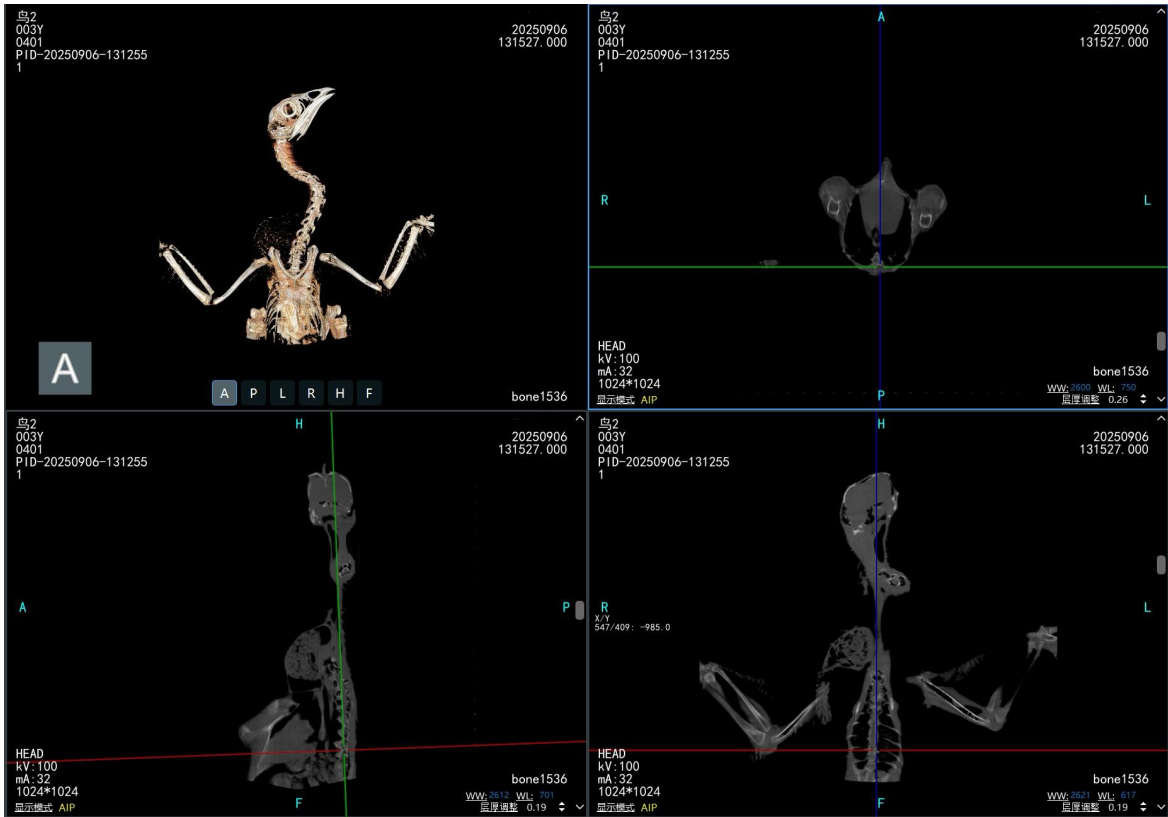
Felane - Head



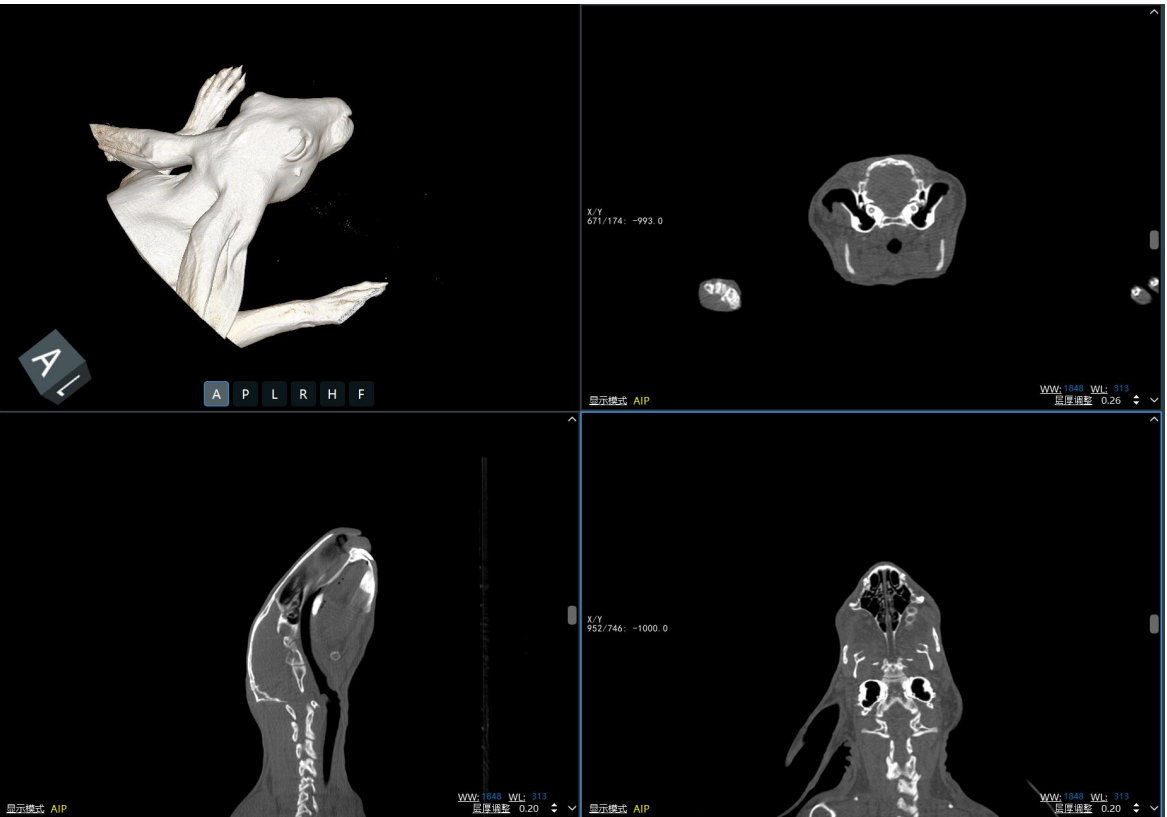
Canine - Spine - Stitching



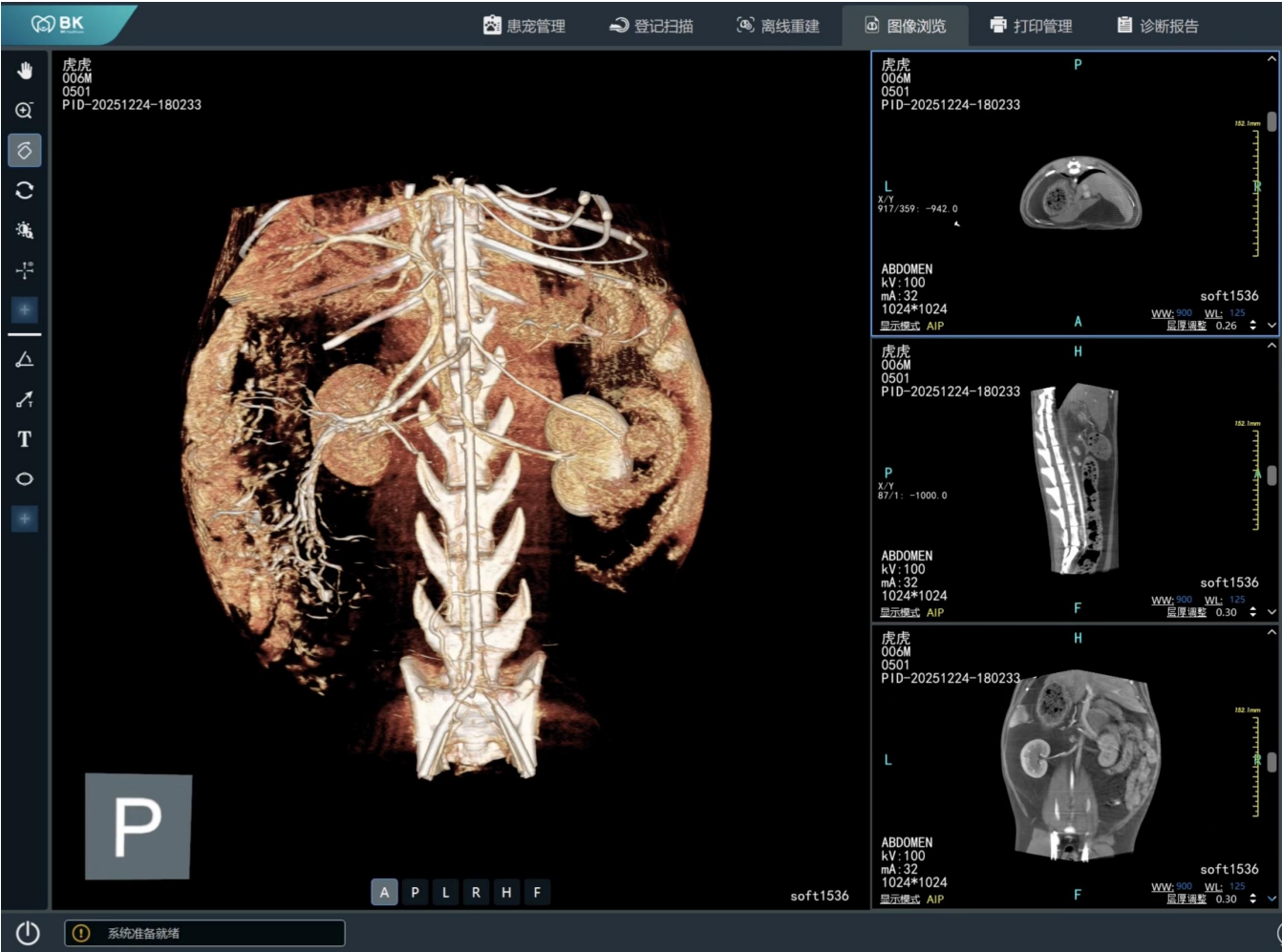
Canine - Lumbar Vertebrae/Thoracic Vertebrae/Ribs/Pelvis



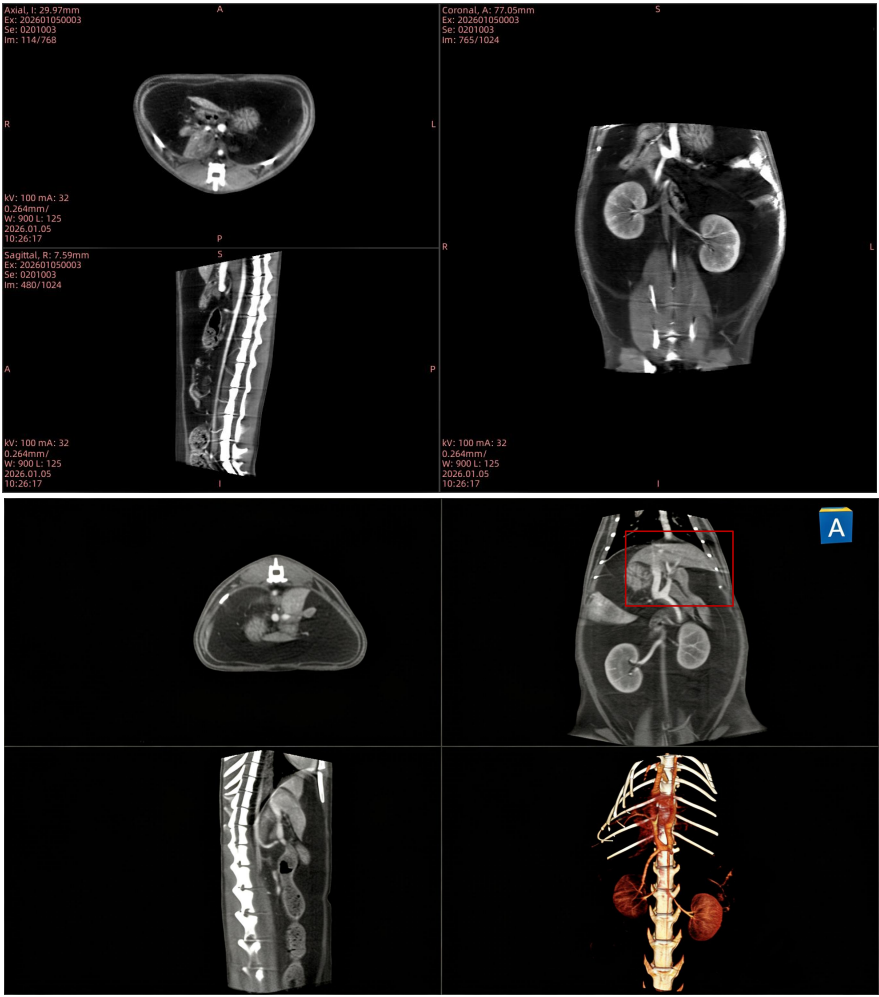
Exotic Pets - Birds



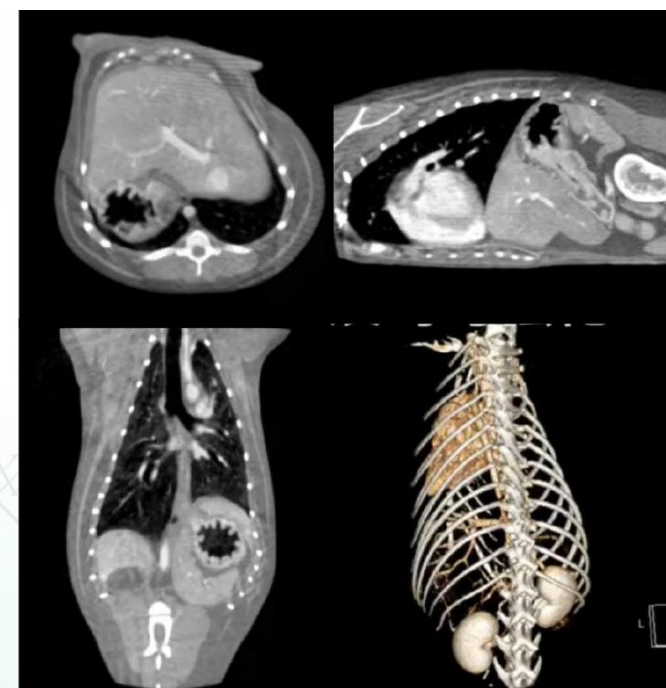
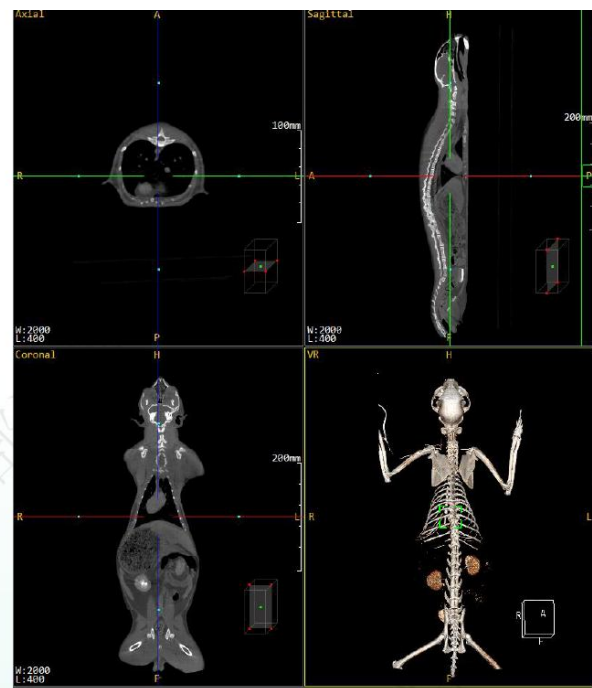
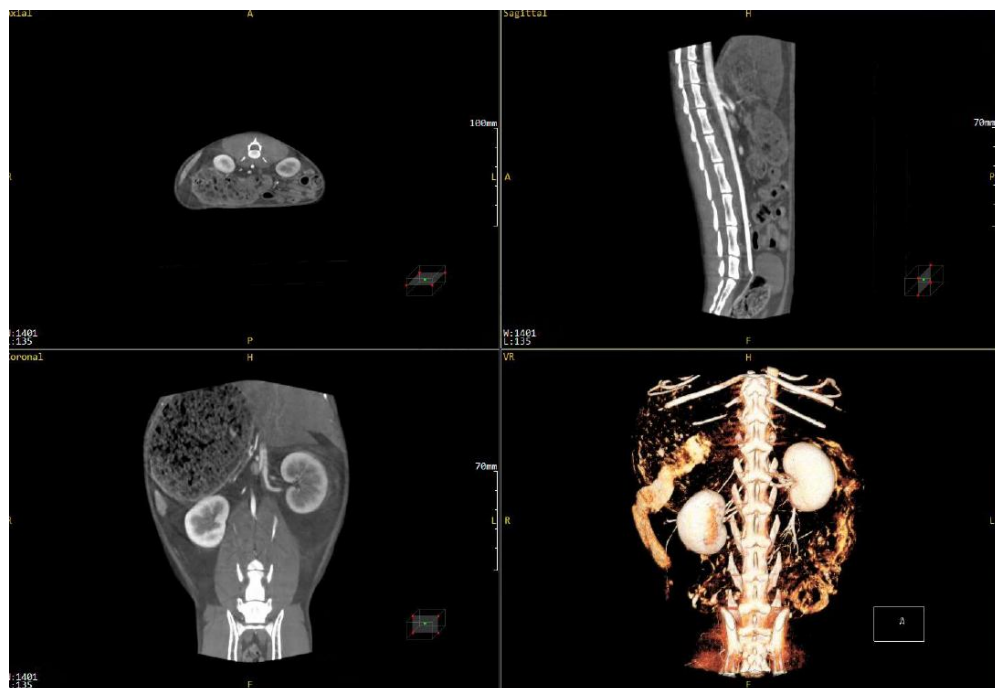
Exotic Pets - Rabbits



Feline - Contrast Enhancement



Feline - Portosystemic Shunt (PSS)



Choose BK-Model, Choose Long-Term Peace of Mind



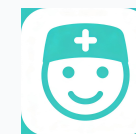
Lower Long-Term Cost

Low After-Sales Cost,
High Resale Value



Medical-Grade Hardware

Medical-Grade Hardware + Trusted
Brands + ¥1M Insurance Coverage



Worry-Free After-Sales, 7s Response

Expert Remote Reading + VIP
Support + On-Site Service



30%+

After-Sales Cost Reduced by
Over 30%



2倍+

Service Life Extended by 2X+



40%+

Diagnostic Efficiency
Increased by Over 40%

Comprehensive Training | Exotic Pet Courses | Thoracic Imaging |

BK China Tour



Corporate Honors & Accolades

Choose BK-Model, Choose a Stable, Long-Term Imaging Solution



BK Healthcare (Shanghai) Information Technology Co., Ltd.

Quality & Management System Certifications

ISO9001 Certification

ISO13485 Certification

Credit & Integrity Awards

AAA Grade Enterprise for Service & Credit Commitment

AAA Grade Enterprise for Contract & Trustworthiness

AAA Grade Honest Supplier

AAA Grade Integrity Management Demonstration Unit

AAA Grade Credit Establishment Unit

Integrity Entrepreneur

Integrity Manager

Industry & Economic Honors

2023 Benchmark Brand of the Year in Pet Healthcare Industry

2023 Annual Innovative Enterprise Award

2023 Economic Leading Enterprise

2023 New Economic Leading Enterprise Award

Best Model Enterprise Award for Social Responsibility Practice

2024 Top 100 Economic Innovative Enterprises

2024 Top 10 Leading Enterprises in the New Economy Era

2025 Top 100 Brand Influence

2025 Brand Influence · Consumer Satisfaction Brand

2025 Brand Influence · Innovative Enterprise



HIGHER ACCURACY, SIMPLICITY & SPEED

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