ANATOM 128

Revolutionary 128-slice CT Scanner Powered for You

Shenzhen Anke High-tech Co., Ltd.
Address: Block B, LingYa Industrial Zone, Tangtou No.1 Road,
Bao'an District, Shenzhen, 518108, P.R.China
Tel: +86-755-21622518 26688889
Fax: +86-755-26695307 26685908
Email: anke@anke.com Skype: anke.1986
Website: www. anke.com

Insight into life

ANKE

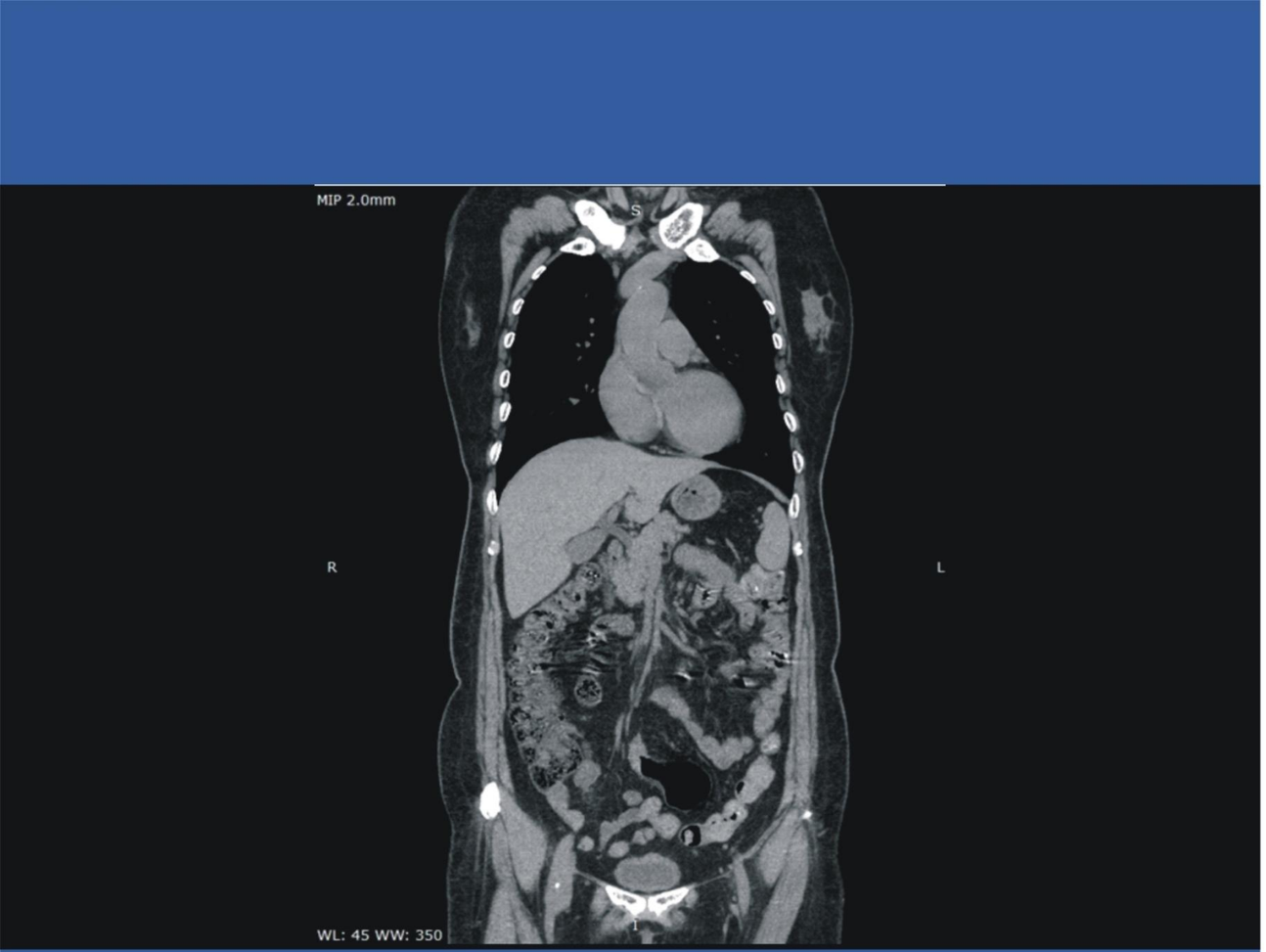
ANATOM 128
Your Future Choice

ANATOM 128 is the latest revolutionary CT scanner of ANKE that will power for your comprehensive application needs. It's been featured a revolutionary brushless technology PowerLink™ which is unique and first applied on a 128-slice CT scanner.

PowerLink™ can remarkablely reduce the costs of carbon brush & slip ring maintenance and replacement. Without contact and friction, high stability and less risk of electronic component failures can benefit you a lot than you expected.

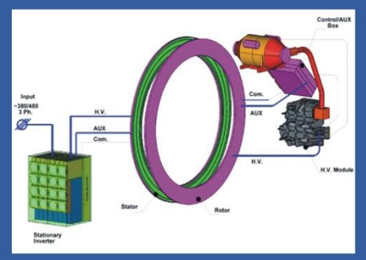
It's capable of achieving fast speed, high quality acquisition at optimized dose high fast throughput with superb image quality for patients young and old, large and small, across a wide spectrum of applications: cardiac, angiography, brain, chest, abdomen, orthopedic, and more.

ANATOM 128 is not only powered by its high hardware configurations but also the world leading software technologies. Like HD OptiWave detector, powerful X-ray tube, HV generator, PowerLink™, stable gantry, LISA™ noise reduction, Admir3D iterative, Adose™ dose optimization and so on. Especially, the dual-energy imaging is also possible for your ultra demanding in the field of functional CT scanning.



Revolutionary Brushless Designed Gantry

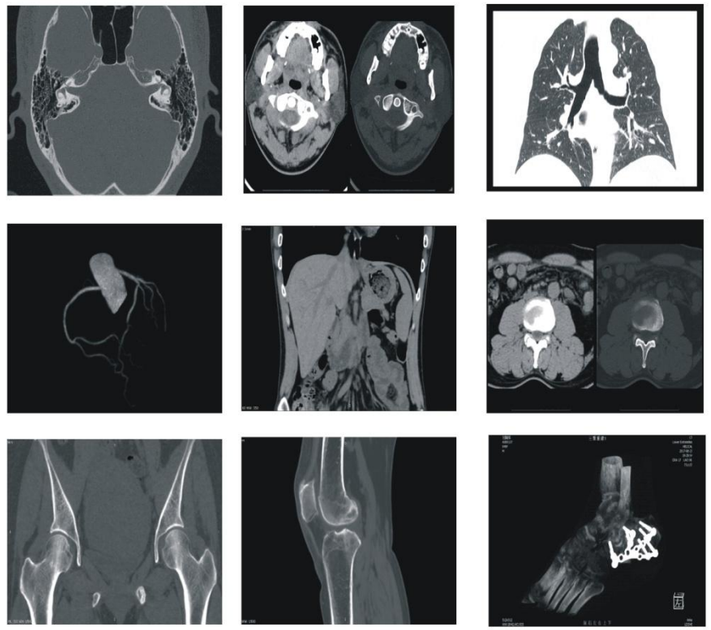
- Brushless - Save on maintenance and lower operating costs
- Non-contact - Never attrited and ultra-stable
- Dual Mode - Wireless power and data transmission



HD OptiWave™ Detector

Ultra-high spatial resolution

The ANATOM 128 is equipped with the OptiWave™ Detector and Dunlee X-ray tube. This combination greatly contributes to sharp increase of the spatial resolution.

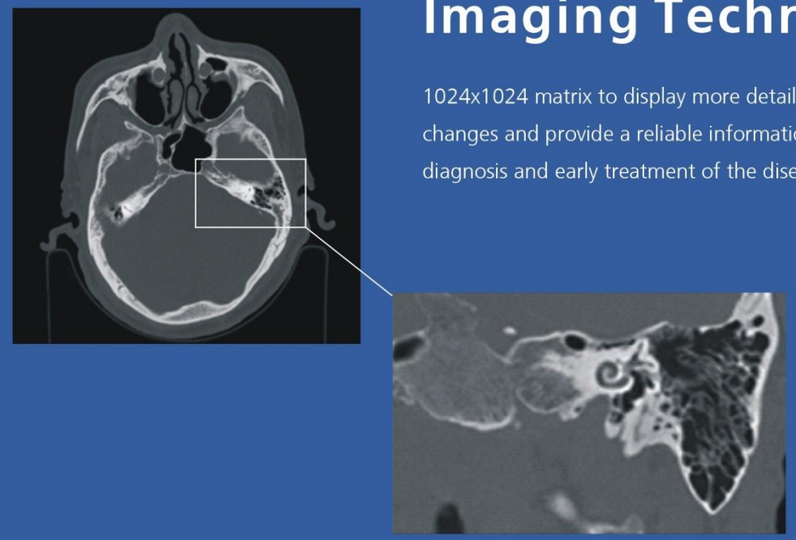


By adapting a flying focal spot with overlapping. The OptiWave™ delivers a routine spatial resolution of up to 0.24 mm. This is performance dedicated to outstanding fine detailed clinical imaging.

Easy and fast for maintenance

OptiWave™ Detector is full modulation and high integration designed which allows user fast and easy maintenance and replacement. If there is any problems with the modulated detectors, just fast and easy on site changes are needed with broken modulations resulting in high efficiency and low costs.

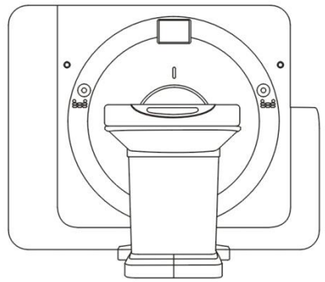
High Definition Imaging Technique

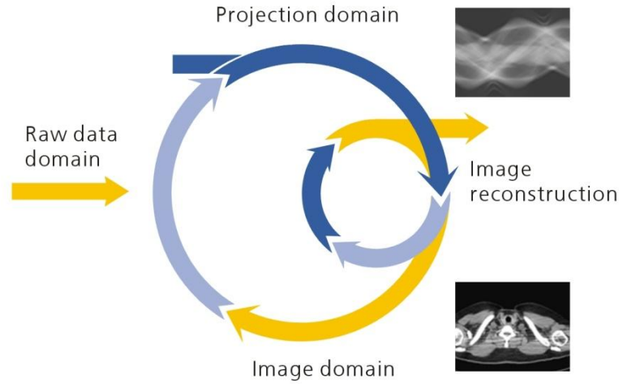


1024x1024 matrix to display more details of the pathological changes and provide a reliable information for early detection, early diagnosis and early treatment of the diseases

Admir^{3D} Iterative Reconstruction Technology

Admir applies mathematical and physical models to accurate construction and describes the signal's quantum characteristics. Iterative operations are performed in the three domains of raw data, projection and image, greatly to reduce the image noise and achieve optimal image quality with low dose.





Adose 3D Dose Management Platform

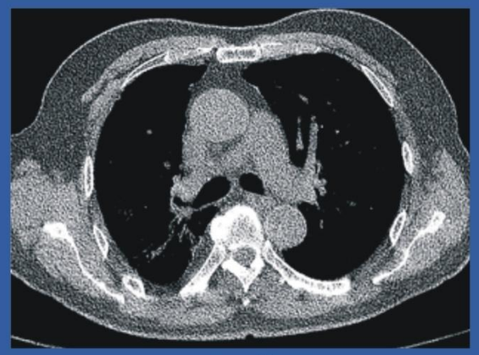
Automatic mA technology automatically controls tube current to increase or decrease the signal as necessary to maintain constant image noise while lowering dose

Pediatric dose optimizationspecially

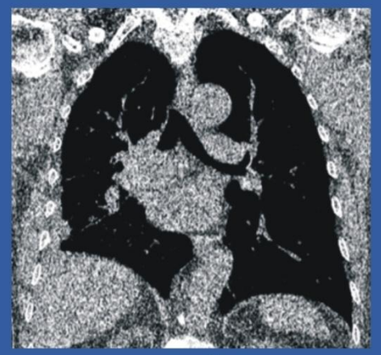
dedicated protocols for pediatric patients with ultral-low dose care

Admir[3D] and LISA[TM] can achieve low dose and low noise scanning without compromising image quality

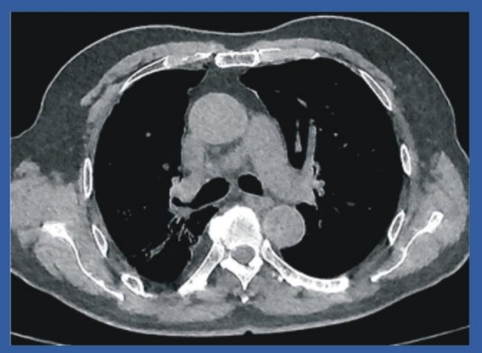
Dose monitoring - A comprehensive dose management solution, based on principle of as low as reasonably achievable (ALARA), tracks and monitors patients, cumulative radiation dose, and receives notifications and alerts if your predetermined dose levels exceeded



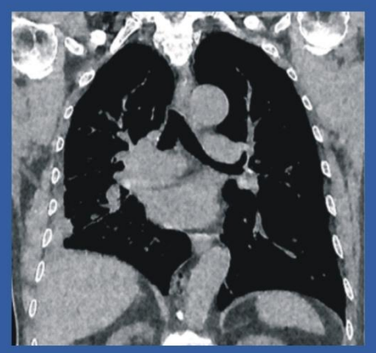
Admir[3D] off



Admir[3D] off

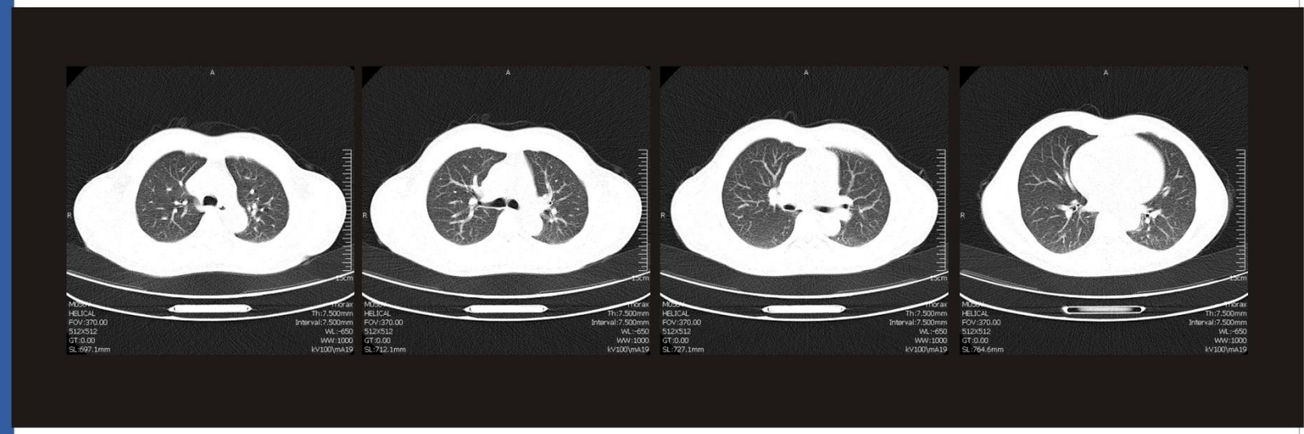


Admir[3D] on



Admir[3D] on

Note：the radiation dose is only 0.2mSv



Effective dose < 0.5 mSv with 100 kVp, Scan time <4.0 seconds

Ultra-low Dose Lung Screening

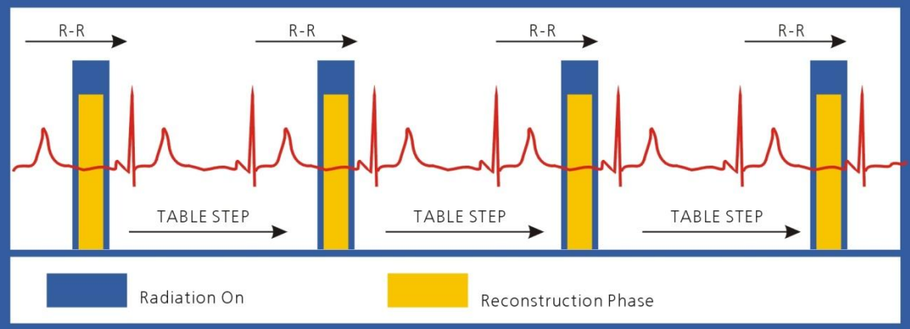
WHO authoritative data show that the incidence and mortality of lung cancer all over the world are in the forefront of malignant tumors. The treatment effect of lung cancer is closely related to the early and late pathological changes. The 5 year survival rate of advanced lung cancer is less than 20%, and the 5 year survival rate of early lung cancer is close to 100%.

The main means of early lung cancer screening is CT screening with ultra-low dose. That's ANATOM 128 can benefit You!

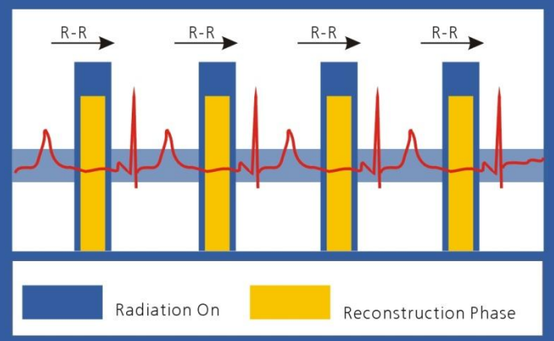
Ultra-low dose scan of ANATOM 128 can make early detection, which is more precise and exhaustive compared with 2D X-ray exposure, of sub-centimeter lesions with 5-10% dose of routine CT scan examinations.

Easy and Convenient Cardiac Imaging

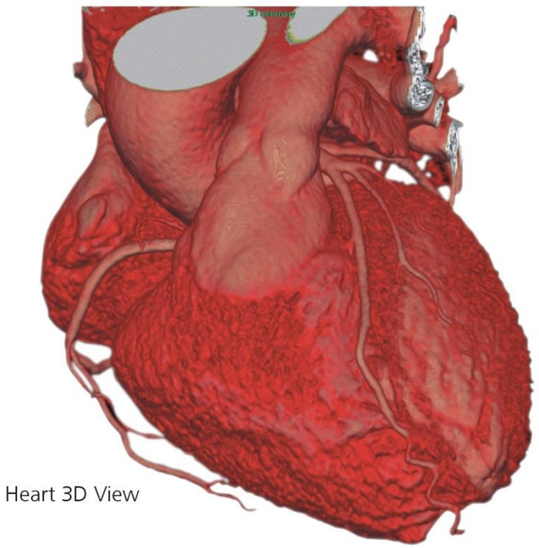
Axial Snap-Shot Imaging
Sharply reducing dose in Cardiac CT exams, this feature pulses the X-ray on only during a phase of the cardiac cycle using prospectively gated step-and-shoot cardiac scanning reducing radiation dose.



Spiral continuous Imaging
Spiral scanning with AEC, this tube current modulation can control radiation dose only during cardiac cycle by combing prospectively gated cardiac scanning. It not only reducing dose but also the scanning time without step and shot process.

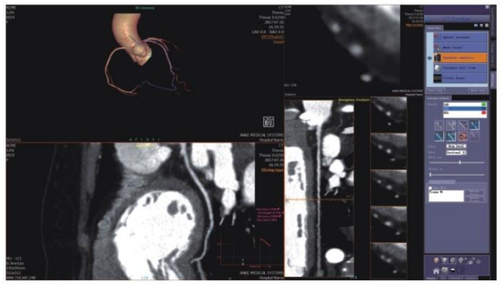


Multi-Bowtie Filters
Provide the ability to reduce radiation in areas outside the scan field of view.



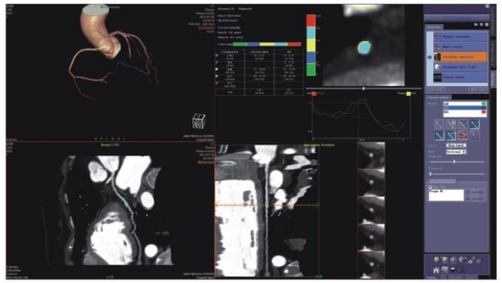
Heart 3D View

Stent Simulation

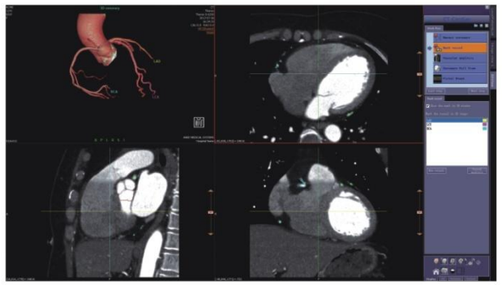


Stenosis Analysis

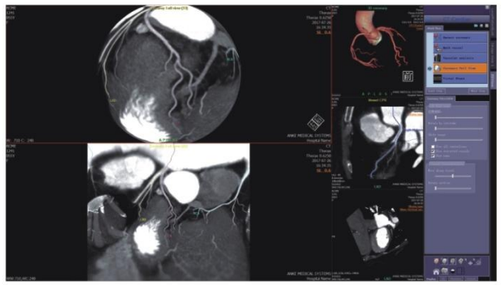
Blood Vessle Virtual Endoscopy



Plaque Analysis



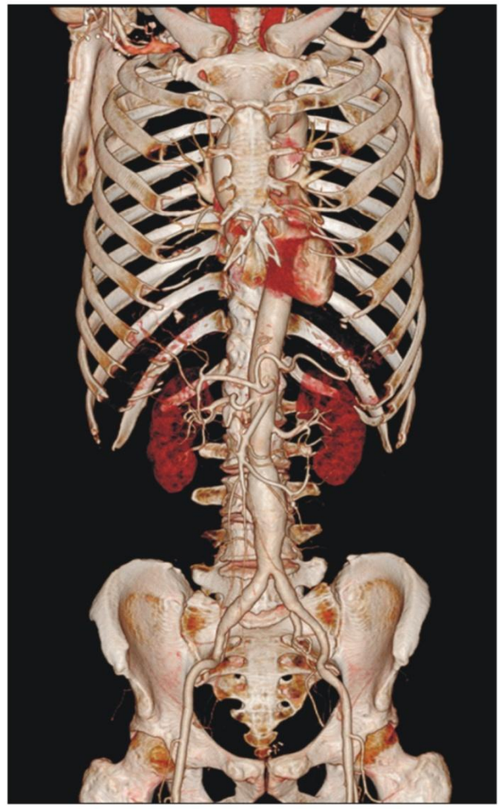
Coronary Artery Auto - label

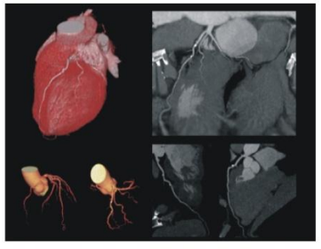


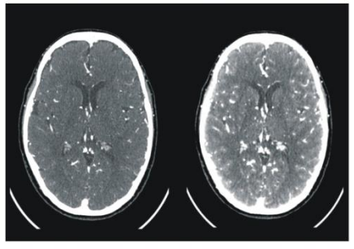
Panoramic View

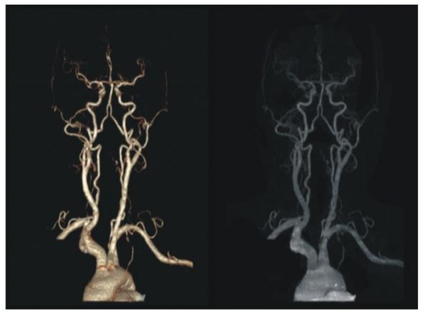
Clinical Applications

Fast, precise and low-dose imaging technologies provide a full range of clinical solutions to meet the current and future clinical diagnostic needs



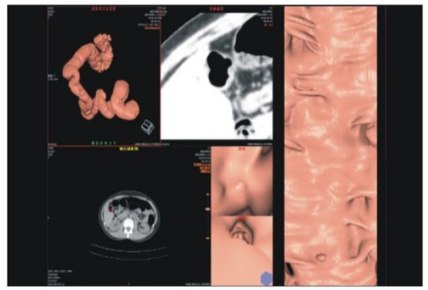




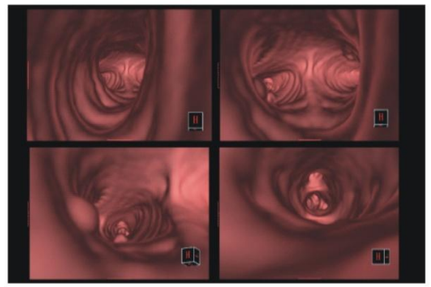


Head & Neck CTA

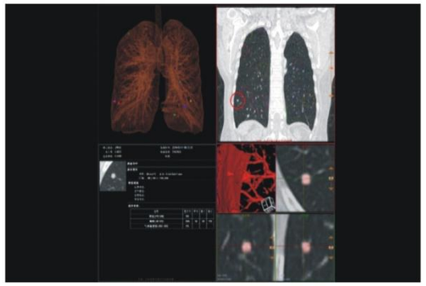
CTU



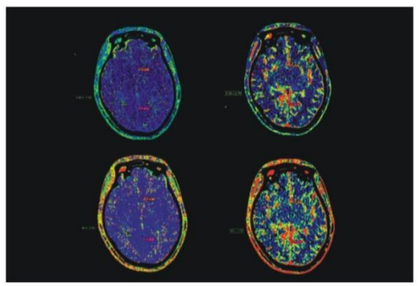
Virtual colonoscopy



VE



Lung nodule analysis

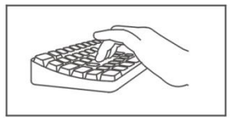


Brain perfusion

Anke's latest enhanced CT technologies quickly and efficiently complete your routine applications without compromising image quality.

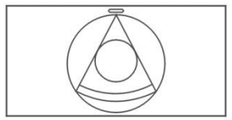
For Your Efficiency

AccuScan-Enjoy easy convenient and efficient operation process
greatly improve clinical efficiency to achieve high patient throughout



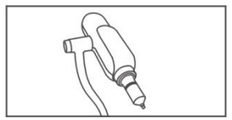
AccuEmergency

Skip patient registration for emergency scans
to save time



AccuScanning

Carefully designed default scan protocols help
to get high quality images with ease



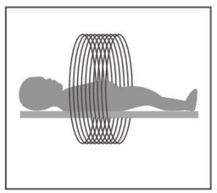
AccuTracking

Automatic bolus tracking to trigger the scan
for precise scan timing

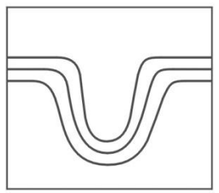
AccuPrinting

Intelligent typesetting and quick printing
to save time

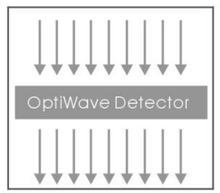
Other Benefits



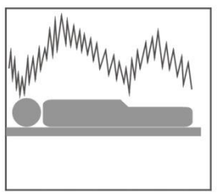
Pediatric Scan Protocol



AccuShape Filter

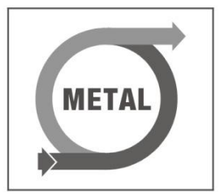


Efficient Detector

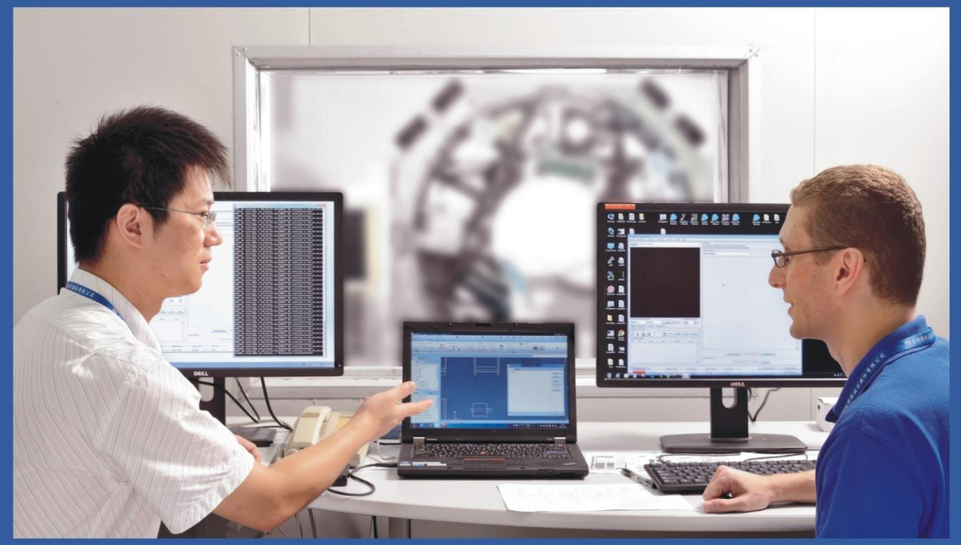


Adose Dose Modulation

Iterative Reconstruction



Amast



Service Innovation
Creating maximum value for customers

- Service Support within 24 Hours
- Local Service Partners
- On-line Service Support
- After-sales Maintenance Stations