Shenzhen Anke High-tech Co., Ltd.

Address: Block B, LingYa Industrial Zone, Tangtou No.1 Road, Bao'an District, Shenzhen, 518108, PR. China
Tel: +86-755-21622518 26688889
Fax: +86-755-26695307 26685908
Email: anke@anke.com
Website: www.anke.com

Follow us on:

ANKE(@ankeint)
ANKE(@ankemri)
ANKE(@ankemarcom)
Shenzhen Anke High-tech Co., Ltd

ANATOM S800

Premium & all-purpose 256-slice CT powered by AI

ANATOM 800 is a brand new premium & all-purpose 256-slice CT fully powered by AI.

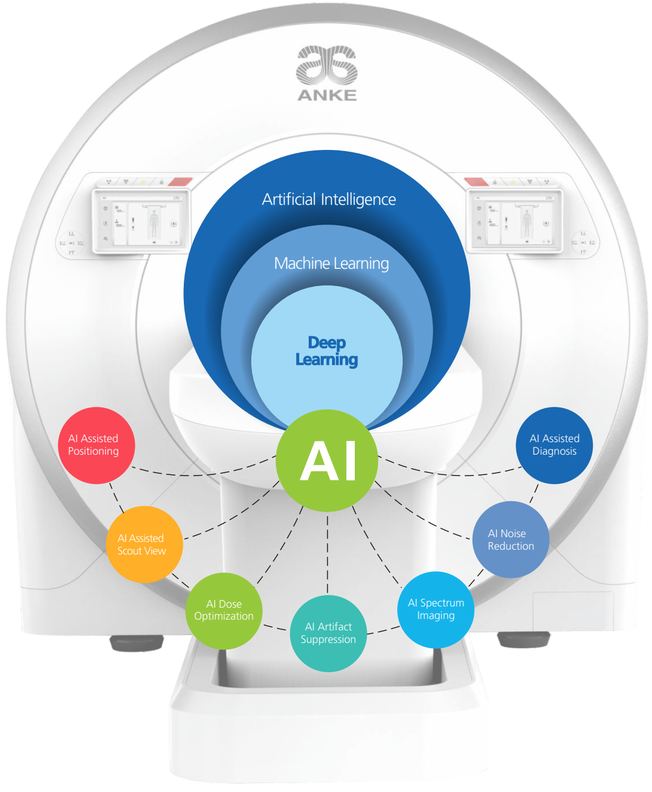
It was designed to take this CT to the next level for your high-performance clinical needs, which has "8cm" wide body new generation OptiWave™ detector, tailored premium HV generator and X-ray tube for spectral imaging, ultra-fast rotation speed of 0.256 seconds/360 degree, Admir^{3D} iterative reconstruction and Artist AI assisted with deep learning, etc.

Advanced clinical applications such as spectral imaging can now be considered routine with ANATOM S800. In order to provide the best in diagnostic efficiency, ANATOM S800 delivers higher spatial resolution and lower radiation dose for every body part imaging. Its advanced applications easy routine studies in terms of low radiation dose, spectral imaging and workflow with a proven system that can help facilities expand service lines, such as cardiac, pediatrics and ER.

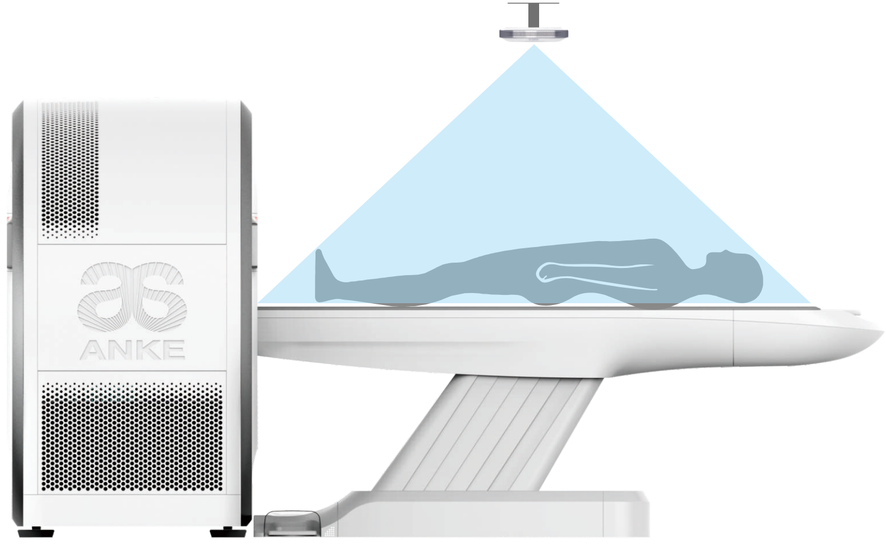
ANATOM 800 is the convergency of our passion and vision to deliver extraordinary technologies, from routine CT to spectral CT, that enable clinical exploration and enhance patient outcomes.

Whole Workflow AI Powered

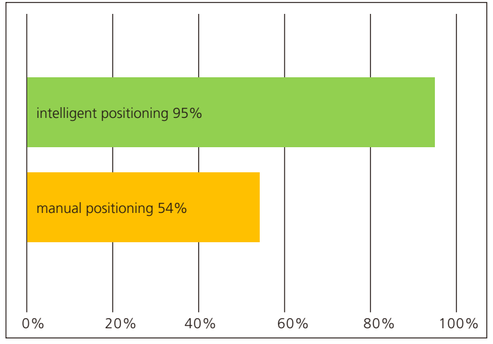
ANATOM 800 uses a full-flow artificial intelligence platform from patient positioning, scanning, dose control, artifact suppression, spectral imaging, image noise reduction and image post-processing to diagnostic assistance, making "artificial intelligence technology" a real assistant in the whole workflow, improving examination efficiency and diagnostic accuracy comprehensively.



Intelligent Isocentric Positioning



center recognition



intelligent positioning advantage

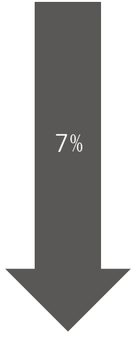


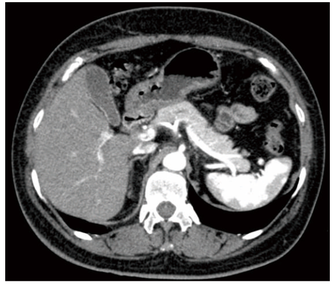
image noise

Whith the help of a deep 3D visual perception system-AccuPositioning, deep learning is used to give the device the cognitive ability and behaviour to enable the system to automatically identify the isocentric position of the proposed scanning site to achieve precise and intelligent patient positioning.

More importantly, the AccuPositioning system also helps the technician to standardise operations and mitigate the increase in radiation dose to the patient's surface due to inaccurate positioning, while further reducing image noise, reducing artefacts and improving image quality.

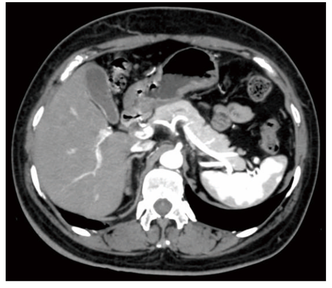
High-fidelity Image

ANATOM S800 uses the Artist high-fidelity image noise reduction algorithm based on deep learning technology to optimise and process low-dose images. Compared to other algorithms, Artist enables a more thorough separation of noise from the image signal and ensures that no image detail information is lost during processing, resulting in high resolution clinical images at ultra-low doses.



FBP

Admir^{3D}



Artist

AI-accelerated Spectral Imaging

Data acquisition using flexible voltage-switching scanning, AI-accelerated iterative reconstruction algorithms and energy spectrum reconstruction techniques to obtain spectral images.

Spectral CT CTA

Virtual monochromatic spectral MAR

Gout Analysis

VNC (virtual non-contrast imaging)

Spectral Attenuation Curve

Material Density (MD) Image

Monochromatic Image

Effective Z

……

Comprehensive CCTA Solution

Perfect for patients with high heart rates and complex rhythms, enabling CCTA imaging at ultra-low doses and low contrast dosages

AccuPitch coronary adaptive pitch

AccuGating intelligent gating CCTA imaging

Aheart intelligent low-dose CCTA image

AccuCardio prospective scan for arrhythmia

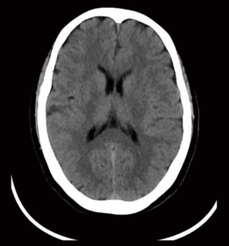
Large pitch HD CCTA imaging

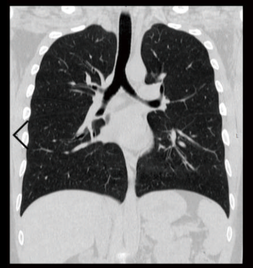
AccuTracking intelligent coronary artery tracking

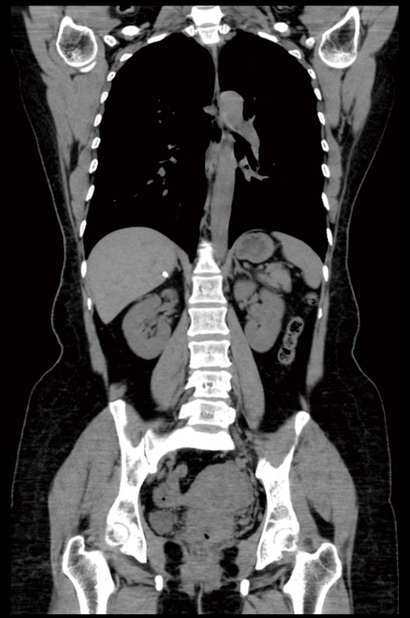
Parameters self-adaptive CCTA imaging

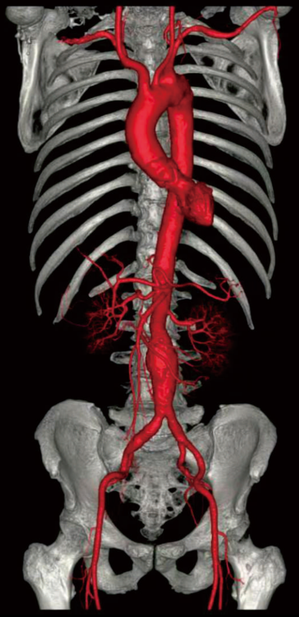
Prospective ECG gating scan

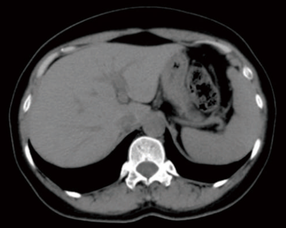
Clinical Images

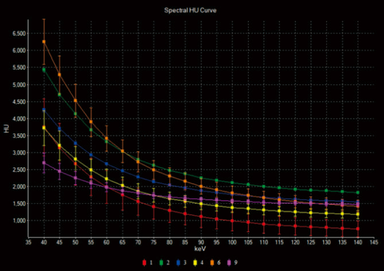


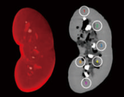


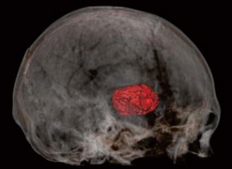


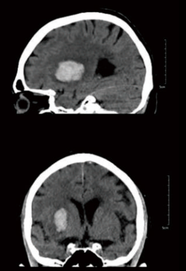


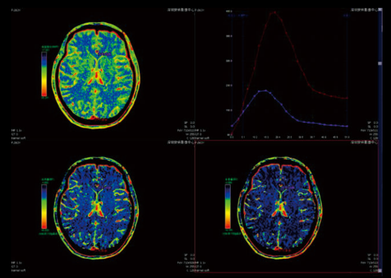


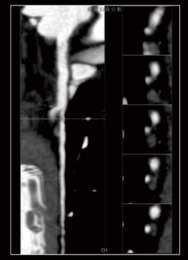


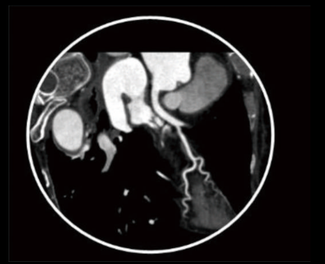


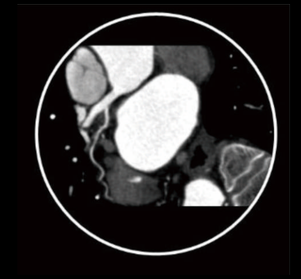


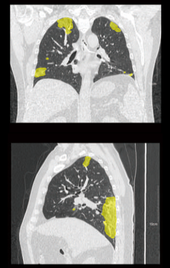








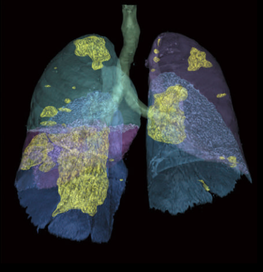


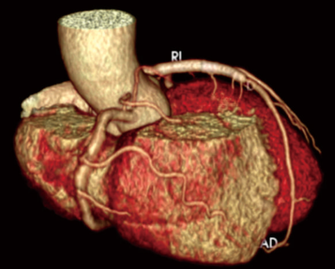


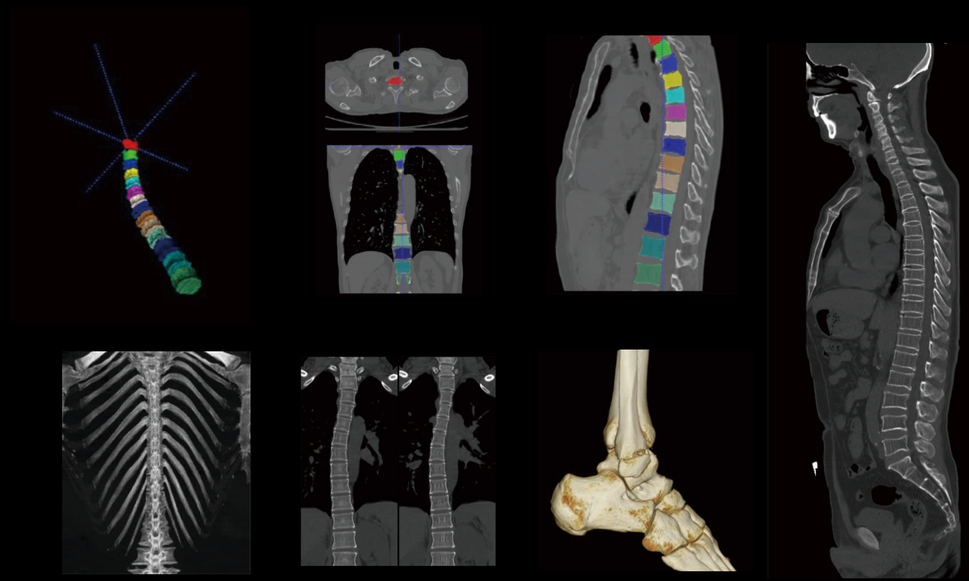
	Total	Left Lung	Right Lung
Mean	-760.23	-761.94	-788.83
Stand.	210.66	204.81	216.35
Volume	4715.06	2042.48	2672.58
Count(pcs)	4573.67	1909.34	2084.81
Tissue(cm3)	141.50	53.09	88.41
Tissue(mg/g)	140.79	53.39	87.83
Density(g/cc)	0.24	0.24	0.24

	Total	Left Lung	Right Lung
Pneumonia Volume	2417.97	38.61	231.17
Pneumonia Ratio	0.74%	0.19%	8.65%

ID	Min/Max Range(HU)	Volume(cm³)	Mean Value(HU)	Position
1	[-1000, -950]	1.12	-1000.0	Right Lung
2	[-950, -900]	0.00	0.0	Right Lung
3	[-900, -850]	0.00	0.0	Right Lung
4	[-850, -800]	0.00	0.0	Right Lung
5	[-800, -750]	0.00	0.0	Right Lung
6	[-750, -700]	0.00	0.0	Right Lung
7	[-700, -650]	0.00	0.0	Right Lung
8	[-650, -600]	0.00	0.0	Right Lung
9	[-600, -550]	0.00	0.0	Right Lung
10	[-550, -500]	0.00	0.0	Right Lung







★ Note: not all the functions described above are standard configuration. Please contact the responsible person of ANKE in your region for specific configuration.

From the moment you choose ANKE, our all-round cooperation begins. Once you are in ANKE's global customer service system, you will experience a complete service solution that is all you expect, all you want and all you need.

Innovative Services

Creating maximum value for our users

Service Platform

- 24-hour call centre service
- Spare parts guarantee in thespare parts centre
- Professional tools for efficient ensurance

Service Quality

- One-to-one service by technical experts
- Preventive maintenance
- Timely detection of hidden problems

Service Network

- Over 100 engineers
- Over 30% technical experts
- R&D-led technical support centre

Service Efficiency

- Remote support
- Fast problem solving
- Efficient dispatch to reduce time