CHINA CARE MEDICAL

Caring for you

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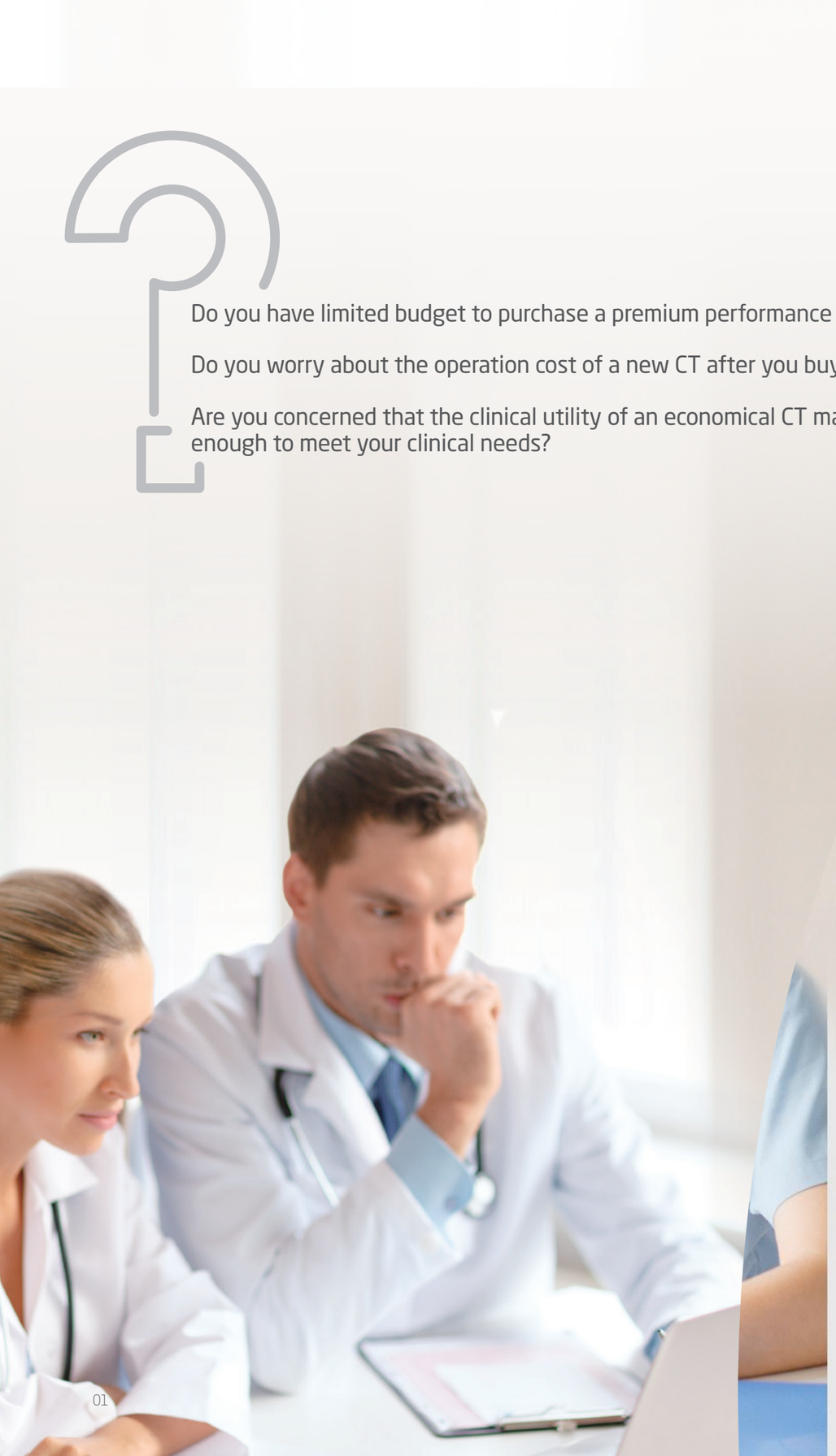
Do you have limited budget to purchase a premium performance CT scanner?

Do you worry about the operation cost of a new CT after you buy it?

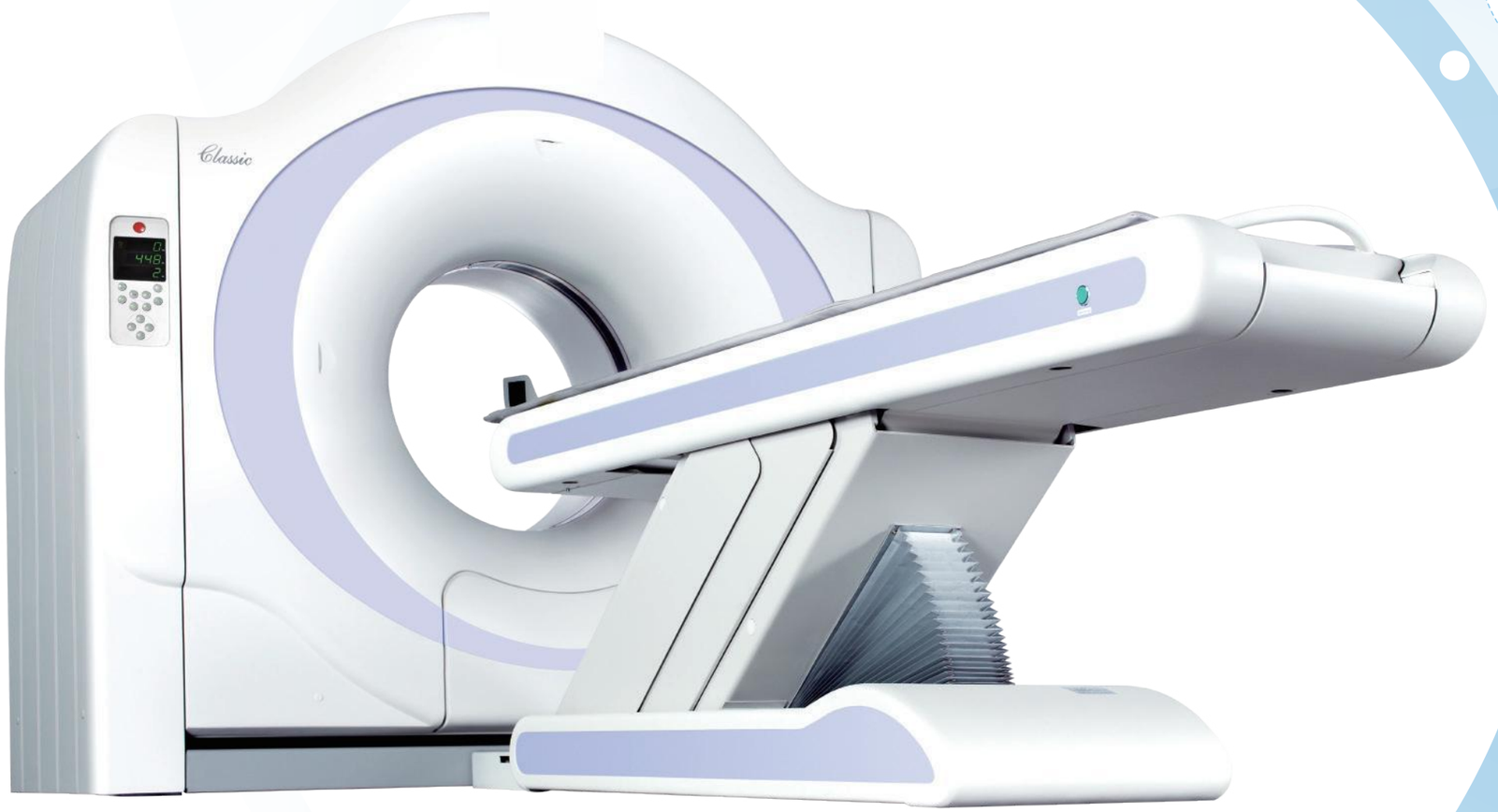
Are you concerned that the clinical utility of an economical CT may not be enough to meet your clinical needs?



The CCL 16 Classic is a proven solution offering premium clinical utility cost effectively.

IT IS YOUR EXQUISITE CHOICE.

Premium Performance, High-end CT Technology at an Affordable Price



High-end Platform

Golden Standard Design

Low Dose Solutions

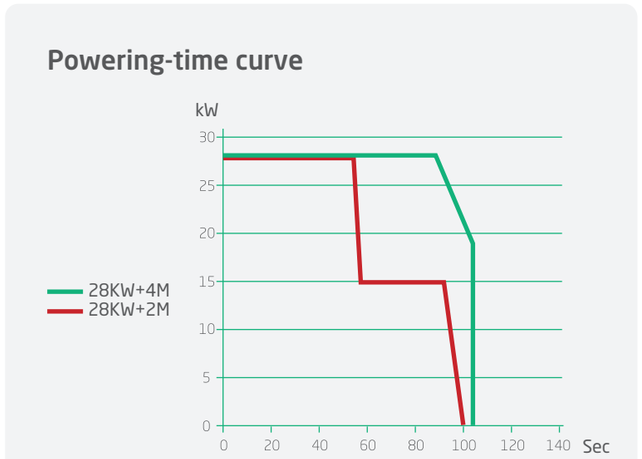
High Definition Imaging

Powerful X-Ray Tube Design

Enables Large Patient Long Range Scanning

Our advanced technology provides extended scan ranges and the ability to do large patients without tube cooling delay.

A 4.0 MHU X-Ray Tube provides extended scan times.



Longer Continuous Scan Times at MAXIMUM Power Rating

The NeuViz 16 Classic is configured with a 4.0MHU X-Ray tube.

A larger anode allows more heat storage. This provides a more stable focal track while reducing scatter and artifact.

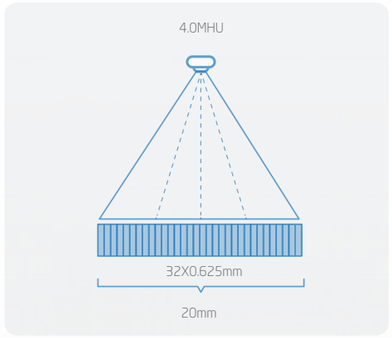
The 4.0MHU configuration allows continuous scanning capability of 100 seconds. These scan times are at MAXIMUM POWER rating.

The ability to perform extended scan ranges at maximum power enables large patient and long anatomical studies.

CCL 32-Row Detector Design

Large Sub-millimeter Detector Coverage

Minimal detector afterglow allows 2,320 projections to be collected per rotation. X-ray conversion efficiency is 99.99%.



- More detector coverage results in greater anatomical coverage per rotation, decreasing scan time and patient dose.
- Adaptive collimation adjusts to change scan modes and increasing X-Ray efficiency.
- Reducing exam time improves image quality while reducing motion and pulsatory artifacts.

Golden Standard Design

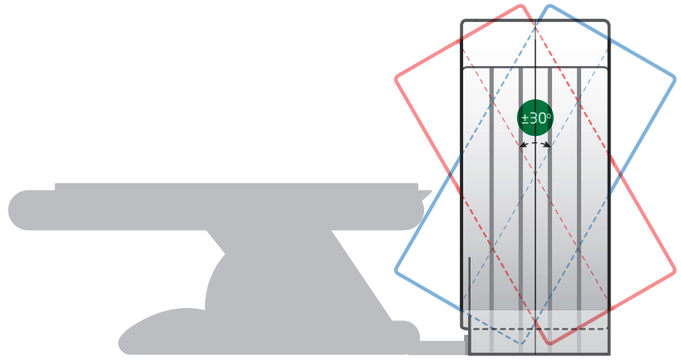
70cm Aperture

A larger aperture improves the patient experience and allows a wider range of patients to be scanned.

±30º Mechanical Gantry Tilt

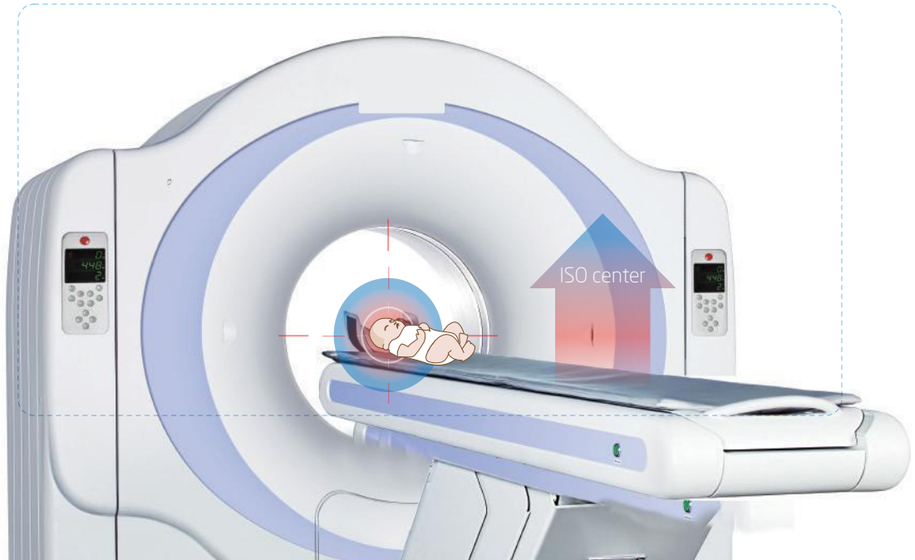
The ability to tilt the gantry 30 degrees allows for optimal head imaging.

For interventional procedures, the ability to tilt the gantry allows better patient access and clinical outcomes.



Vertical Movement Couch

Even physically challenged patients will find it easy to get on and off the couch. . Design ensures every patient at ISO center, reducing dose while delivering excellent image quality. This can only be achieved if

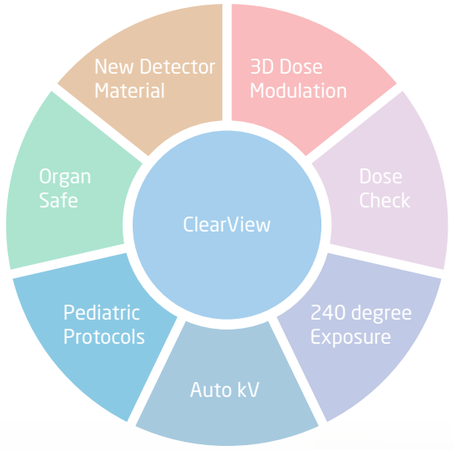


Full Range of Low Dose Solutions

The NeuViz 16 Classic is configured with a full compliment of dose reduction tools.

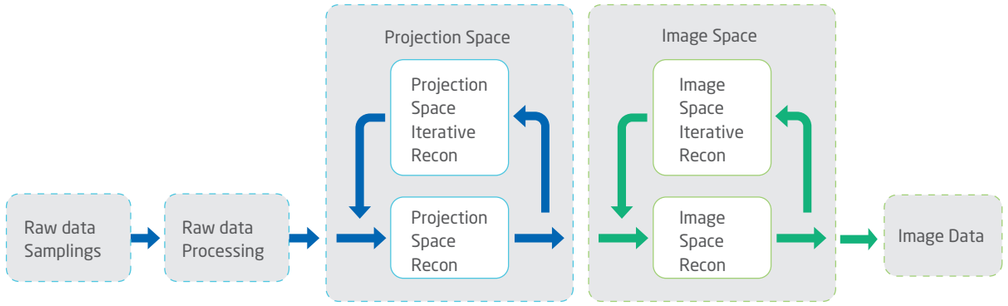
These ensure that the patient dose is as low as reasonably achievable without compromising image quality.

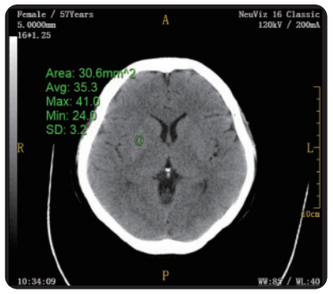
By optimizing patient dose, tube loading is reduced and extending it's life.



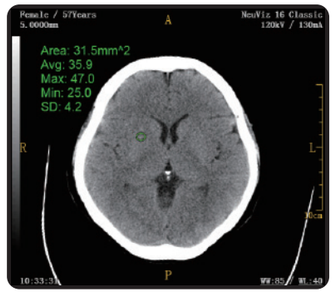
ClearView – Advanced Iterative Reconstruction Algorithm

By performing iterative processing in both projection and image spaces, patient dose can be minimized without a compromise in diagnostic quality.

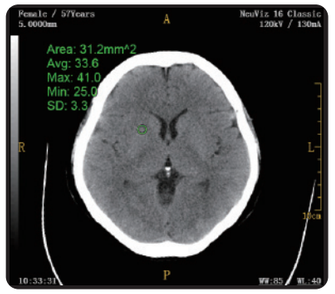




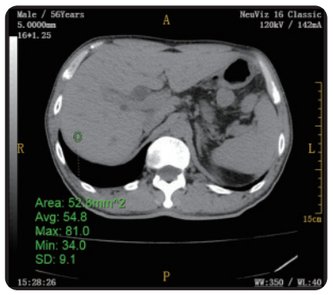
120KV 200mA FBP



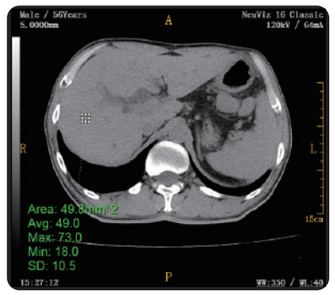
120KV 130mA FBP



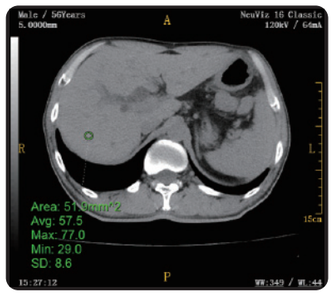
120KV 130mA ClearView



120KV 142mA FBP



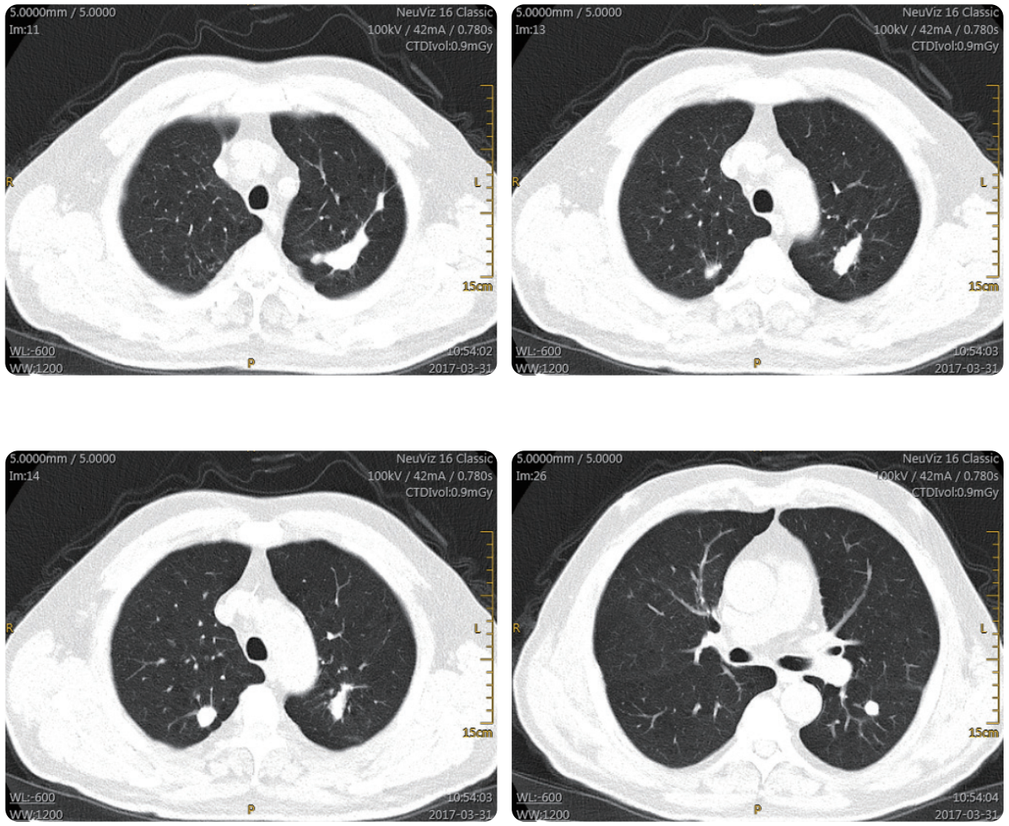
120KV 64mA FBP



120KV 64mA ClearView

Low Dose Scanning

Low dose scanning is another benefit of the NeuViz 16 Classic. Using advanced low dose techniques, patient studies below 0.1 mSv can be optained, showing more details and increase the relevance ratio of lesion.



High Definition Imaging

1024x1024 Matrix Imaging

High definition imaging allows improved visualization of small anatomical structures.
This is especially important in areas like lungs and inner ear studies .
Better visualization can aid in earlier diagnosis and better clinical outcomes.

512×512 1024×1024 1024×1024 inner ear

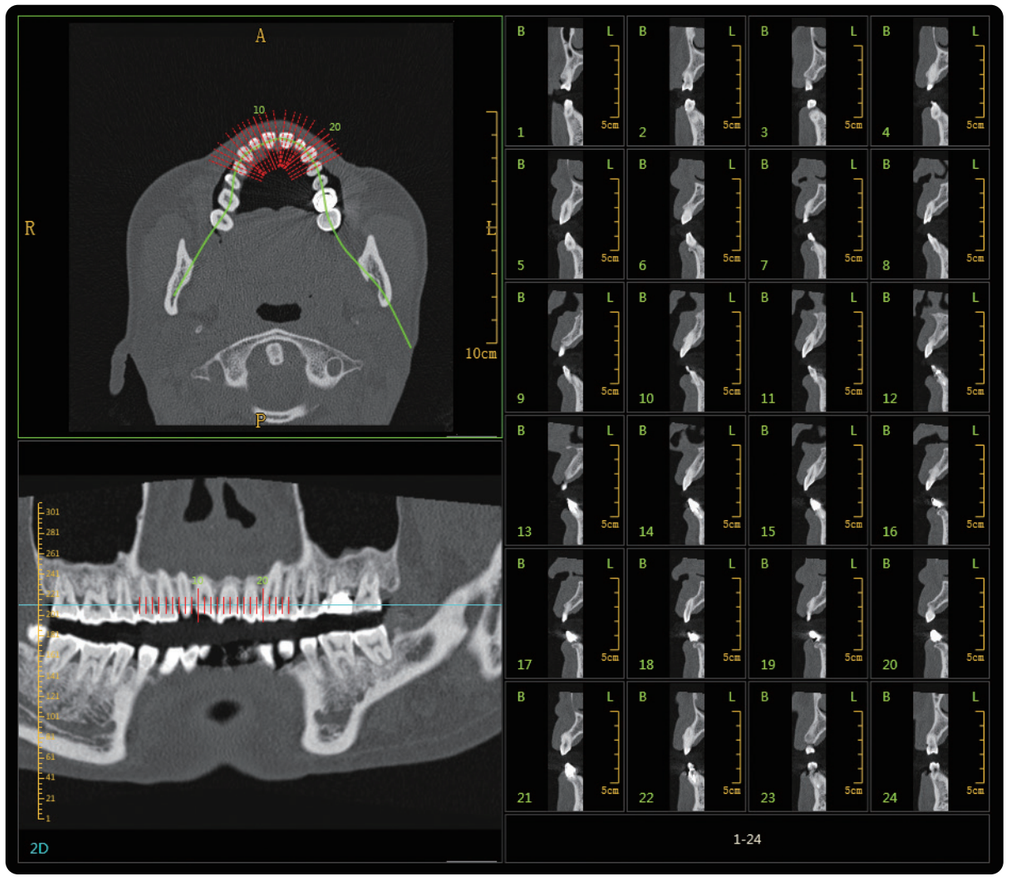
Powerful Post Processing Applications

The NeuViz 16 Classic performs a full array of advanced imaging and post processing techniques.

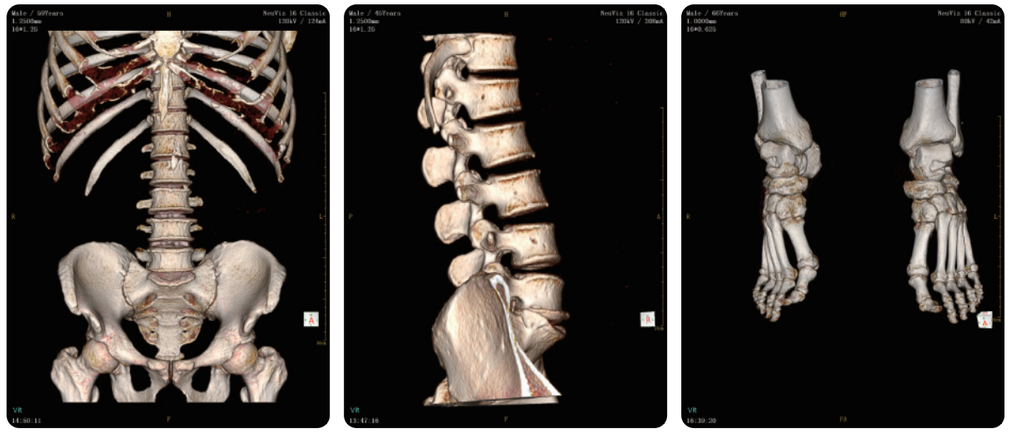
A single patient study can be post processed to view disease processes or anatomical regions in multiple ways.

All applications are designed to use minimal "key strokes" making them easier to learn and use.

Dental

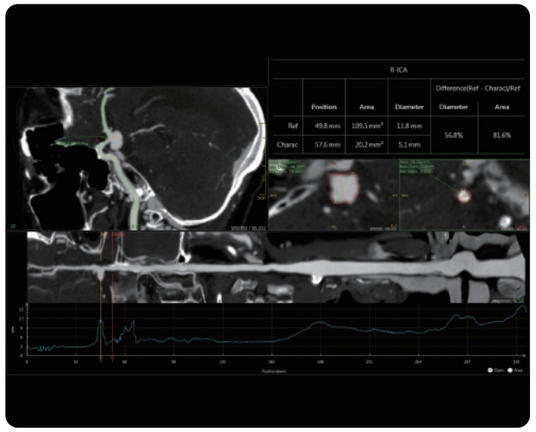


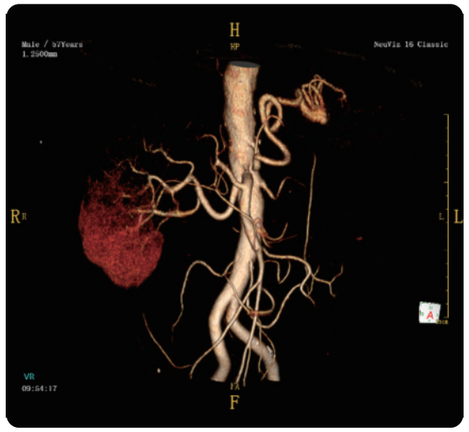
3D Bone



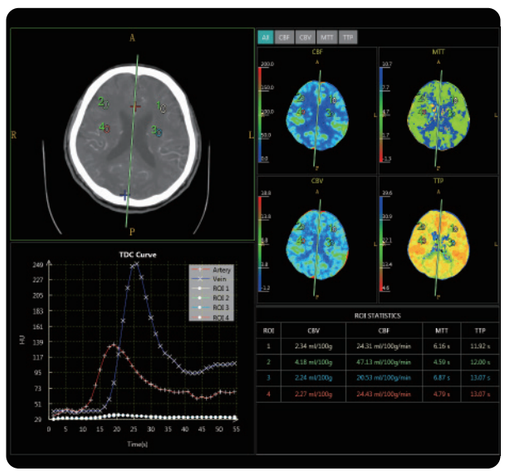
Lung Solution

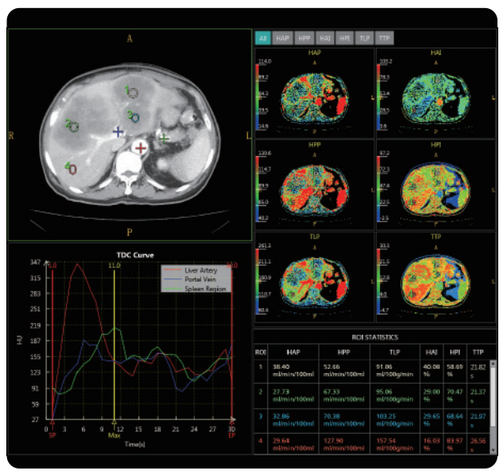
Vessel Analysis



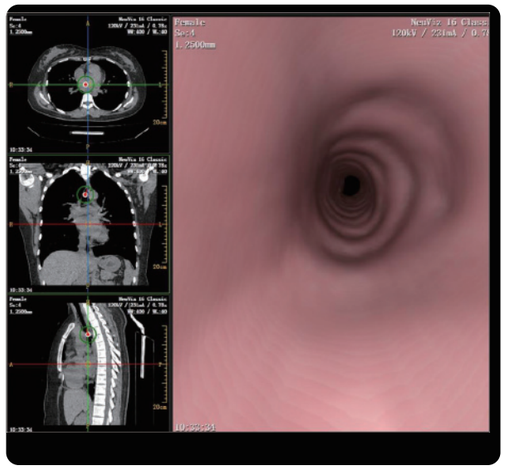


Perfusion Solution





Virtual Endoscopy



Virtual Colonoscopy