

**Neusoft**<sup>®</sup>  
Beyond Technology™

NEUSOFT MEDICAL SYSTEMS

NeuViz 16

Advanced imaging made affordable



## NeuViz 16

### Quality You Can Afford

The pursuit of ever more accurate imaging procedures is complicated by the relentless pressure on healthcare institutions and physicians to produce more affordable diagnoses. In order to meet these conflicting demands, Neusoft has developed the NeuViz 16, 16-slice computed tomography scanner, to achieve cost-effective, cutting-edge patient care.

NeuViz 16 offers multi-detector capability to generate clearer 3-D images of complex anatomical structures in an exceptionally compact design.

### Key Features

- Friendly tool bar and graphical user interface
- Effortless patient data input
- Intuitive registration and clinical procedure selection
- Easy-to-use workflow for efficient operation



### Efficiency

- 16-slice technology reduces exam time for more rapid diagnosis and maximum patient throughput
- Reliable system performance
- Low environmental costs due to minimal space requirements and optimal energy efficiency
- Compact design simplifies site planning

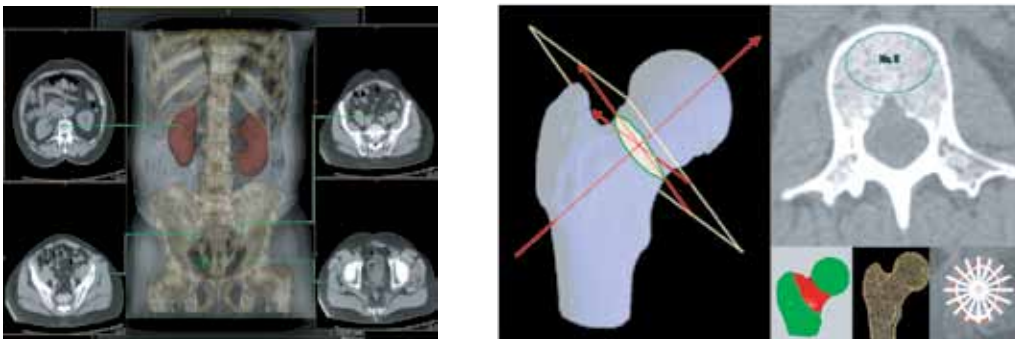
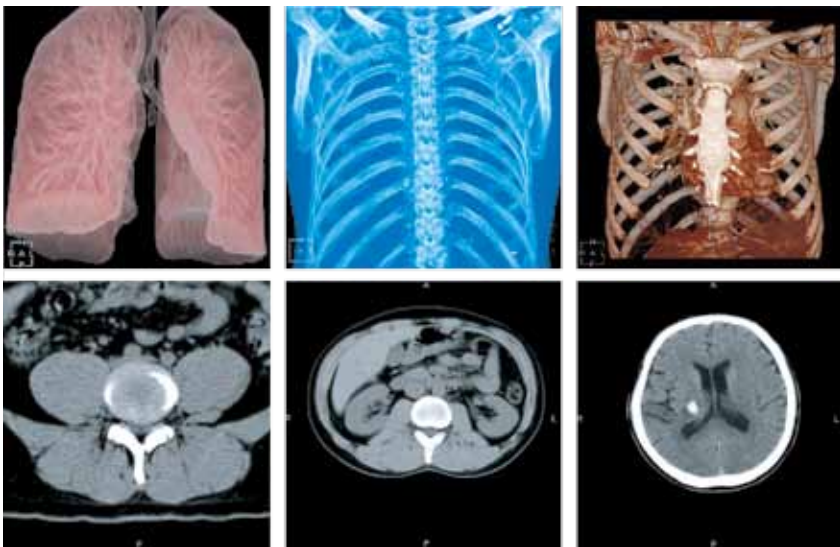
## Clinical Benefits

Diagnostic insight is found at the intersection of modern imaging and advanced information technology.

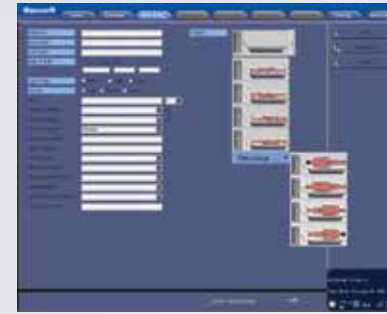
The NeuViz 16 operator's console establishes an efficient environment for acquisition, reconstruction and post-processing using Neusoft's embedded computer-aided diagnostic (CAD) software.

Neusoft IT solutions provides visually enhanced 2D and 3D images and stabilize system performance to improve the diagnostic capabilities of CT.

UroCARE | OsteoCARE\* | NeuColonCARE\*



\*Not available in all countries



**Integrated Detector** combines the widest detector coverage in its class with our with DAS system to dramatically improve signal-to-noise ratio for high resolution scanning, shorter breath-hold times, lower patient dose and improved patient comfort.

**Patented Dynamic Focal Spot** technology enables exceptional spatial resolution during axial and spiral scanning by alternately sampling two fan beams and doubling the reconstruction data samples to produce a more detailed image.

**DoseRight** functions reduce radiation exposure. Features including Automatic Current Selection, DoseRight Dose Modulation, and dedicated pediatric protocols deliver optimal dose efficiency without compromising image quality. DoseRight modulation optimization tools enhance user experience, improve image quality and reduce patient dose by up to 50 percent.

Advanced Technology



## Exceptionally Compact Design

With a footprint less than 190 sq. ft. (17.7 m<sup>2</sup>), the NeuViz 16 enables hospitals and private practices with limited space to install a 16-slice CT scanner where previously only a single-slice system could be accommodated.





## Rest Assured with Remote Service Capabilities\*

The Neusoft Remote Service package continuously links the NeuViz 16 scanner directly to our online service center to proactively detect performance deviations and prevent further damage.

The Remote Service package provides ease of mind by ensuring that your NeuViz 16 is running at maximum performance and continually being serviced by technical experts.

\*Optional. Broadband Internet is required.

### About Neusoft

Neusoft, the largest IT solutions and services provider in China, offers a rich portfolio of products and solutions across industries including: Telecom, Electric Power, FSI Manufacturing and Trade Logistics, Healthcare, Education and Transportation.

Neusoft Medical Systems offers a comprehensive portfolio of digital medical imaging systems including CT- and MRI- scanners, digital X-ray equipment and diagnostic ultrasound systems. In recognition of our development efforts, Neusoft received the 2010 Frost and Sullivan New Product

Innovation Award for remarkable contribution to sustaining innovative new product development in the medical imaging industry.

Neusoft Medical provides powerful yet affordable medical technology to over 60 countries and regions, with more than 5,000 customers worldwide.

For more information please visit  
[www.medical.neusoft.com](http://www.medical.neusoft.com)



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