

Caring for you

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NeuViz Epoch 512-slice CT

Broadening Your Possibilities

NeuViz Epoch V 1911



NeuAI
Positioning



NeuAI
De-noising



NeuAI
Post-processing



NeuAI
Diagnosing

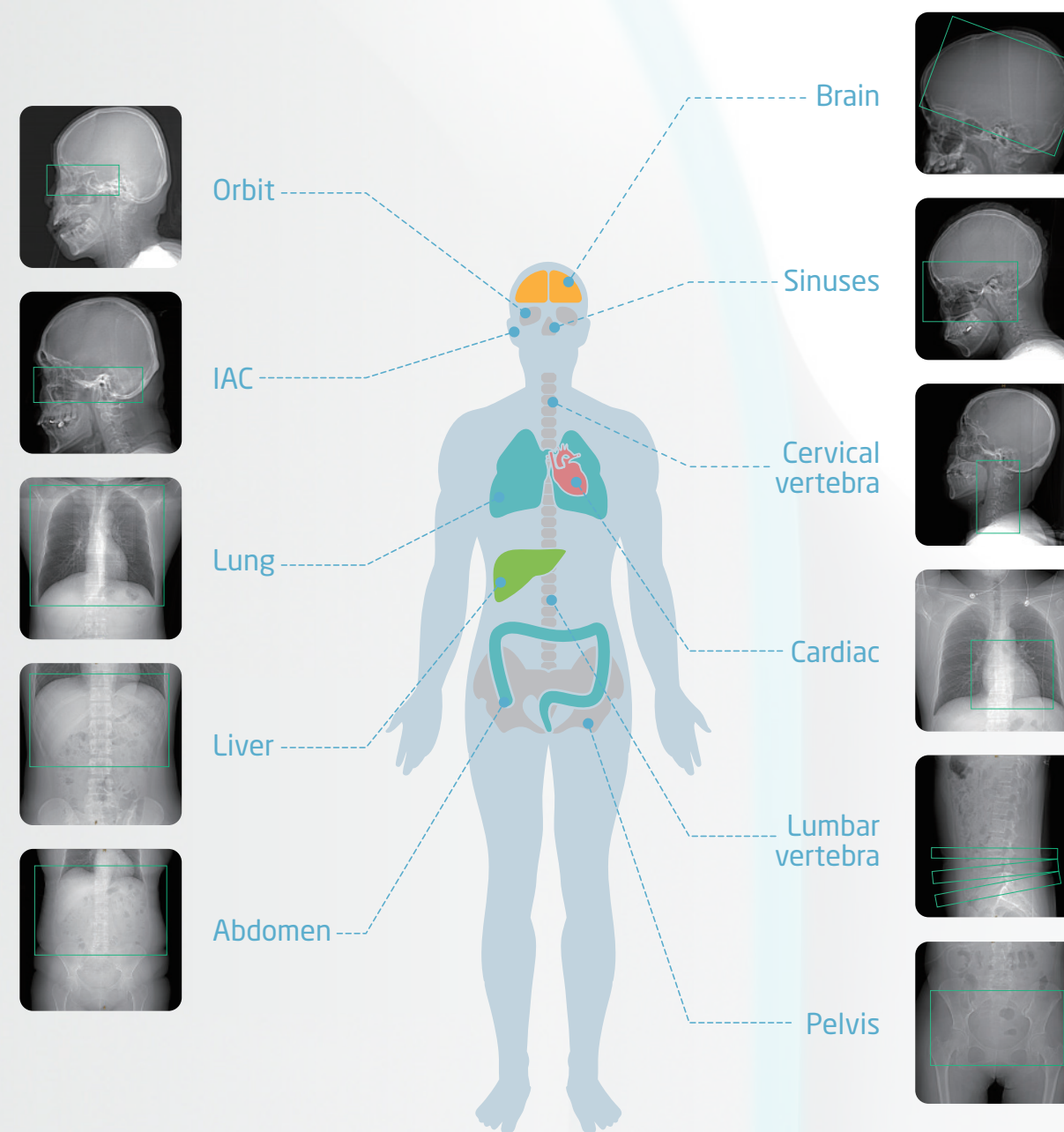
Neusoft

NeuAI



NeuAI Positioning*

NeuAI Positioning is designed to effectively position and optimize work flow efficiency. Identifying anatomical structures while customizing the scanning plan and minimizing radiation dose to the entire body.

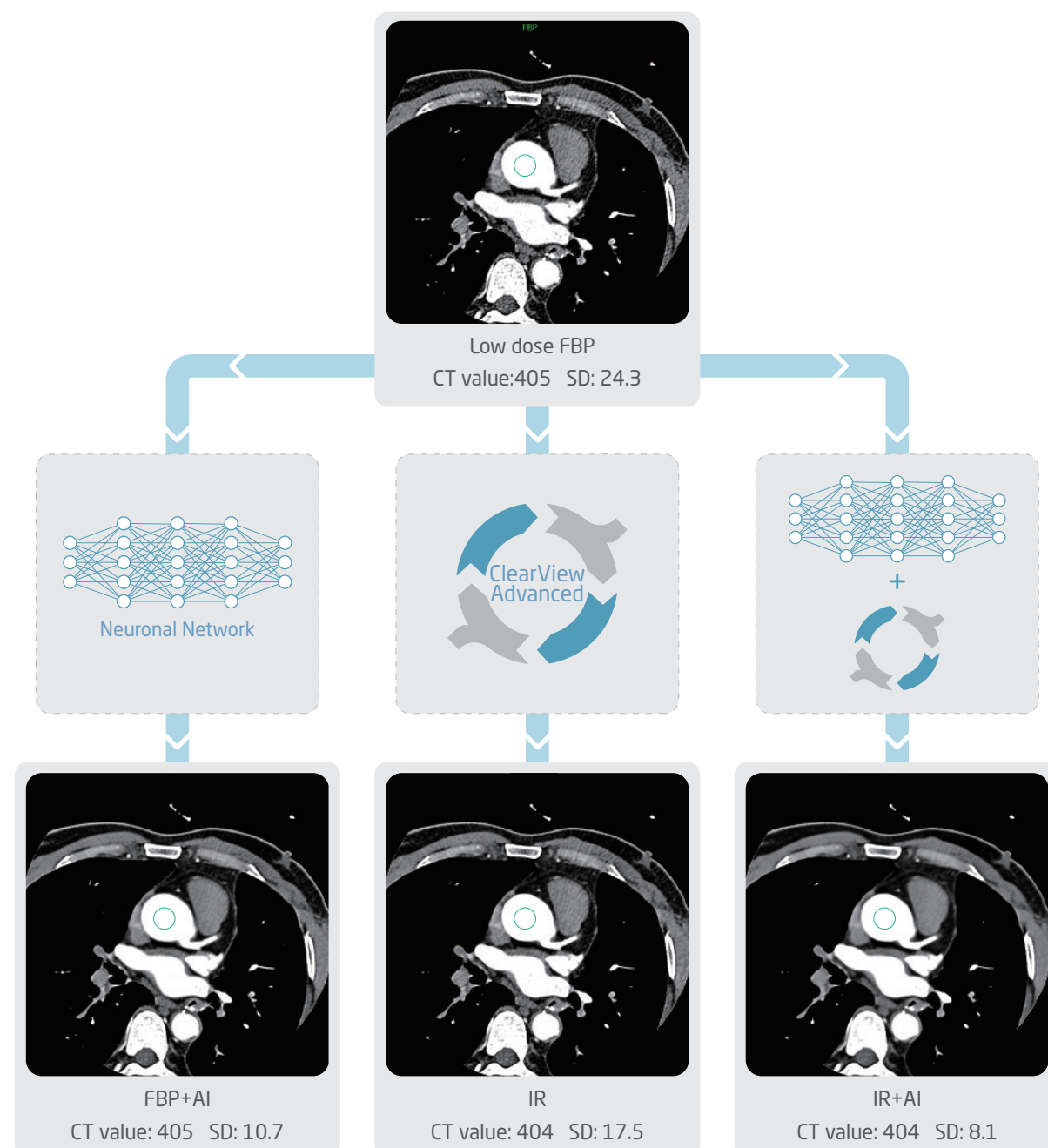


*WIP



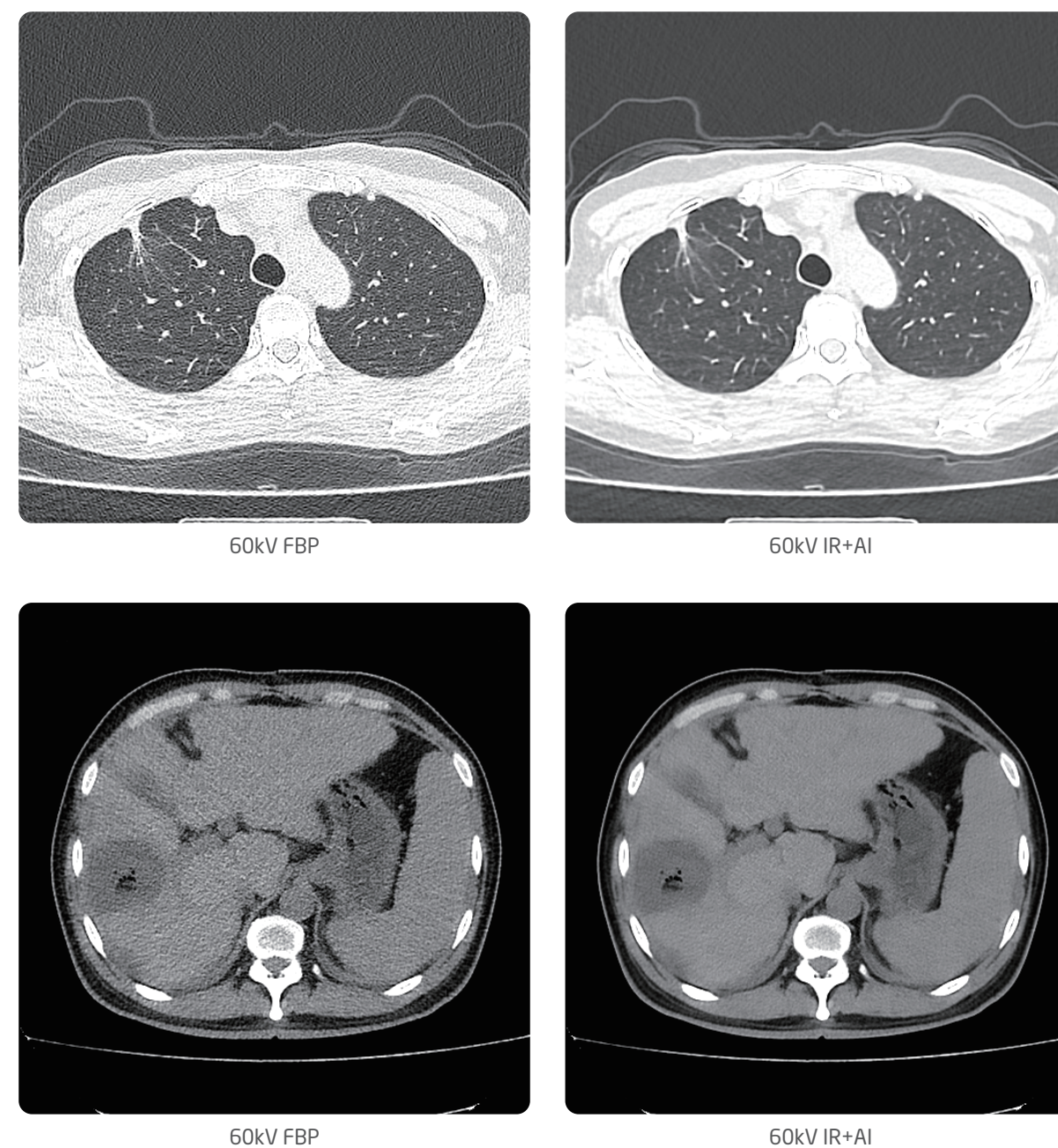
NeuAI De-noising*

NeuAI De-noising technology is based on DLR (Deep Learning Reconstruction) developed in collaboration with healthcare providers from around the world. It utilizes significant patient data to enable AI technology to provide shaper edges, lower noise and natural images. The new NeuAI De-noising compliments ClearView Advanced IR (Iterative Reconstruction) with advanced Photo-Sim model, further reducing noise for low dose images.



CARE60*

CARE60 (ClearView Advanced & AI Reconstruction Engine) includes new low dose technology enabling 60kV imaging to be the new standard for imaging, making this technology ideal for noncompliant patient and pediatrics.

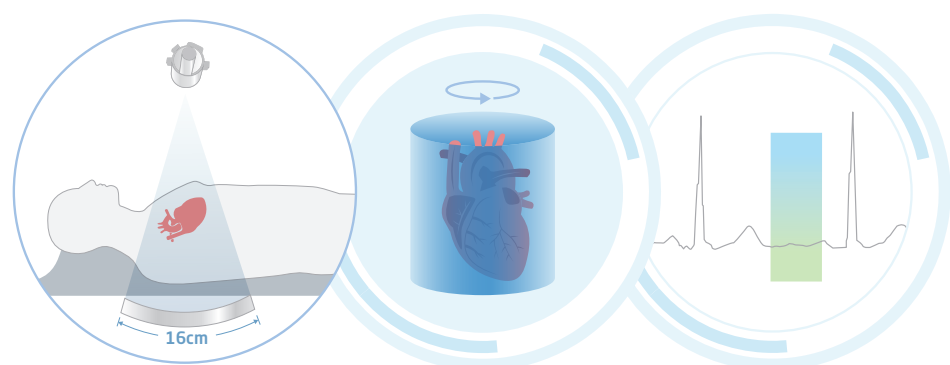


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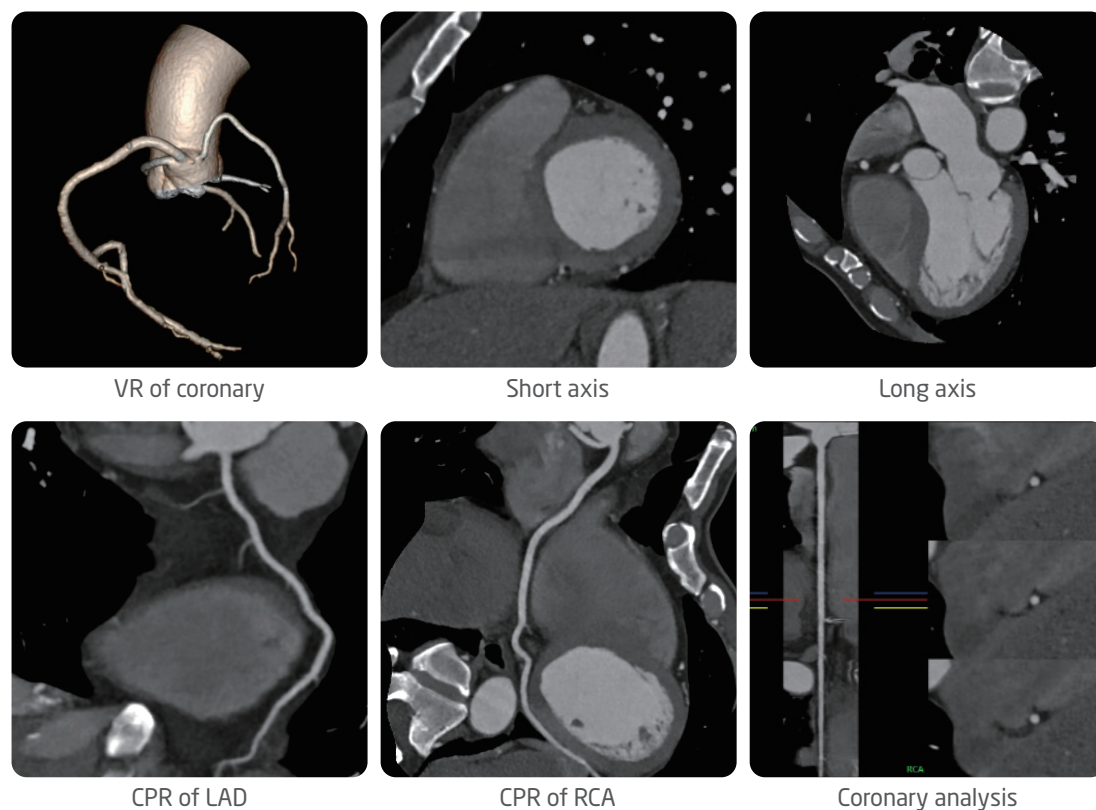
One-beat 160

The 16cm wide detector enables one heart beat scanning in axial mode. The Pano-spherical detector ensures the same distance from the tube to each detector element, reducing cone beam artifacts.

High resolution coronary images are achieved with 0.259s/360° enabling free breathing for all patients and eliminating the need for beta blockers.

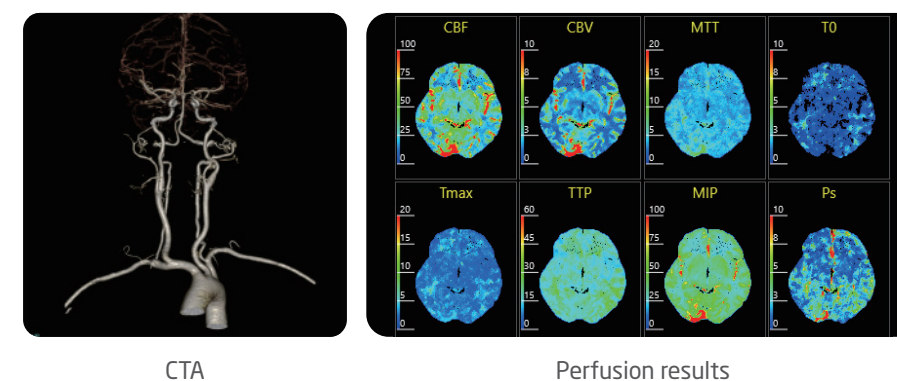


Male. Age:55, chest pain. **Heart rate:103-155 bpm**

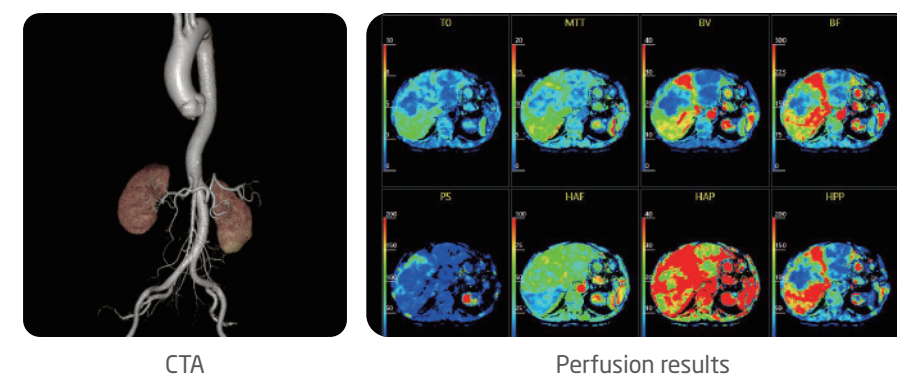
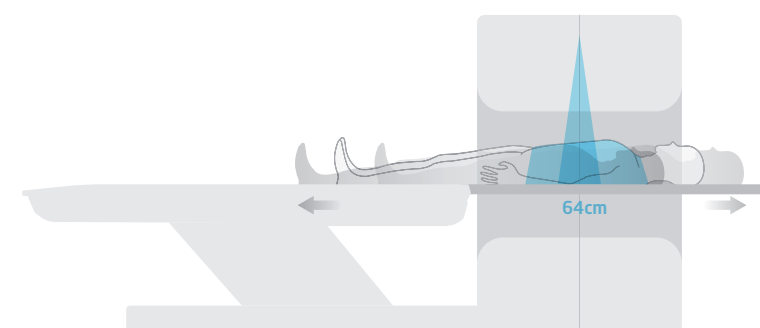


64cm Perfusion Coverage

The 16 cm detector supports whole brain and cardiac perfusion without table movement as CTA data is acquired. It allows for one contract injection, reduced radiation dose and improved workflow efficiency.



Toggling table technology enables 64cm perfusion coverage, ideal for multi-organ and CTA scanning.



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This model is now CE, FDA pending.