



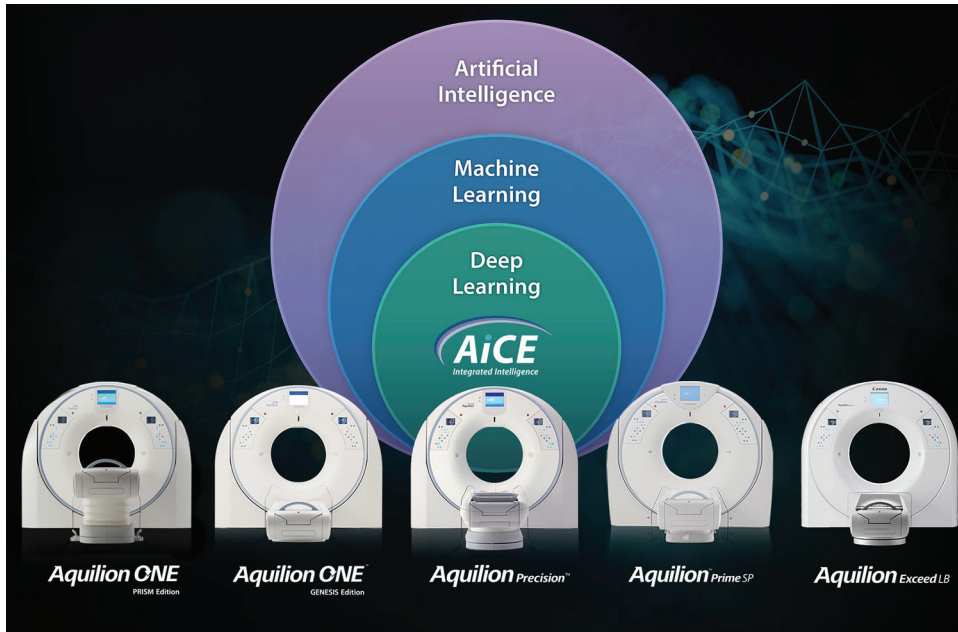
PERSHING
Health System

AI-assisted CT Scanning



At Pershing Health System, noisy and uncomfortable CT scans are in the past. We utilize the latest technology in CT Scanning that is much more quiet and comfortable for our patients.

PHS Radiology Team



Advanced Intelligent Clear-IQ enging (AiCE)

This is an innovative Deep Learning Reconstruction Technology that's been trained to reduce noise and boost signal to deliver sharp, clear, distinct images at speed.

AiCE images have:

- Low Noise
- Natural Image Texture
- Sharp High Contrast Resolution
- Clear Low Contrast Detectability

Canon Aquillion Lightning 80 Slice CT Scanner

The Aquilion Lightning employs cutting-edge technology to optimize patient care and to accelerate clinical decision-making. Innovative features ensure that you can acquire high-quality images routinely at very low patient dose.

The Aquilion Lightning gantry features design innovations improving the scan experience for patients while providing excellent operability and work safety.





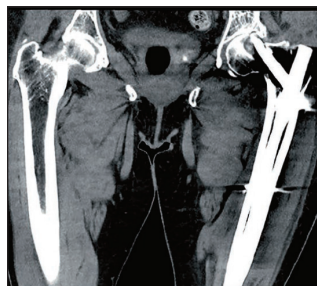
The couch top can be lowered to a minimum height of 12.8 inches (312 mm) for facilitating patient loading and transfer from a wheelchair or bed.



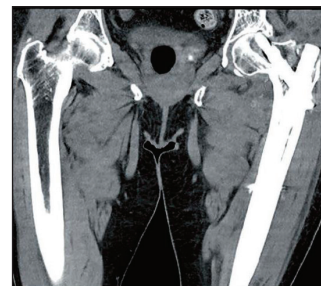
The spacious 30.7 inches (780 mm) wide bore and 18.5 inches (470 mm) wide patient couch allow comfortable scanning for large patients.



The i-Station display provides child-friendly exam instructions and gives operators feedback for breath-holding, ECG, scan parameters and patient ID.



Original



SEMAR

Dose-neutral metal artifact reduction with SEMAR

Our Single Energy Metal Artifact Reduction (SEMAR) utilizes a sophisticated reconstruction technique to reduce artifacts caused by metal and improves visualization of the implant, supporting bone, and adjacent soft tissues.



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