

TOSHIBA

Leading Innovation >>>

Lightning[™]
Aquilion
CT System



**“We need
premium technology
that fits within
our budget and
space requirements.”**

Toshiba gives you a voice. What's yours?



Redefining a cost-of-ownership CT solution



Introducing the Aquilion Lightning™: Full-featured CT in a compact size, designed to give your patients and physicians access to CT imaging within traditional X-ray parameters of space, workflow, and cost of ownership.

High-Quality, High-Value CT



IMPROVED DIAGNOSTIC CLARITY

SEMAR™ (Single Energy Metal Artifact Reduction) improves visualization of the soft tissue structures surrounding metallic implants. As the population ages, knee and hip replacements will be more common. Aquilion Lightning can be used for patients who need such replacements and reduce the need to triage them to more elaborate CT systems.



LOWER DOSE EXPOSURE AUTOMATICALLY

Adaptive Iterative Dose Reduction (AIDR) 3D Enhanced technology reduces the dose to the lowest level consistent with quality imaging for every patient, every time. Automated selection of tube voltage with ^{SURE}kV. Both technologies are standard on the Aquilion Lightning system.



EFFICIENT WORKFLOW

Patient set-up is easy, and images are acquired fast. The high-end reconstruction speed allows quick image display. A more complete visual is available, so patients move easily through the department. With ^{SURE}Subtraction™ options, CT angiography can be acquired with bone and calcium subtraction.



REDUCED COSTS OF CARE

The Aquilion Lightning provides sizeable CT capabilities in a small space, with a small capital outlay and a small operational budget.

The Aquilion Lightning CT fills the widespread need to balance quality imaging with low costs of ownership.

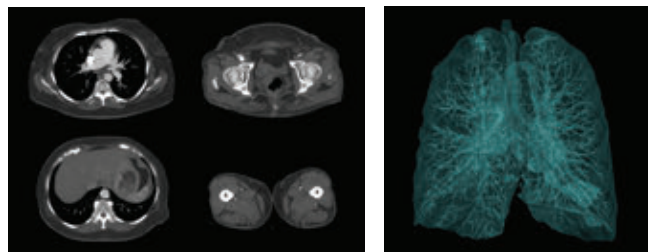
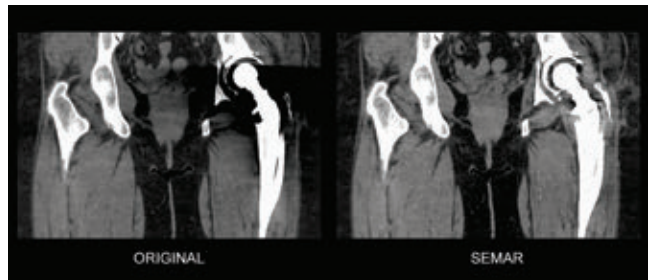
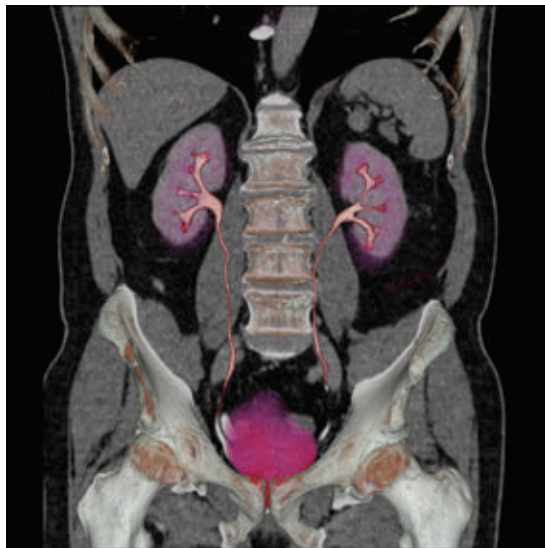
**SMALL FOOTPRINT, LARGE CAPABILITIES,
LOW OVERHEAD.**

When the cost of space is a premium, the Aquilion Lightning can occupy a small footprint while staff and patients can still move around the system easily. This compact system can fit in the same square footage required by many X-ray systems with minimal changes to the space, a consideration when replacing existing imaging.



The Aquilion Lightning is designed to operate reliably and efficiently, producing quality images that help speed up diagnosis and treatment in a busy environment.

The re-engineered gantry decreases installation space, heat generation, and power requirements. Power management technologies dramatically reduce energy requirements, running costs, and environmental impact.



“ Our modest budget only gets us so far. We need to go further. ”

Aquilion Lightning: Entry-level CT imaging without compromise

Toshiba designed the first high-resolution multislice CT in 1999 and attracted attention immediately from imaging professionals. Ever since, Toshiba has added features throughout its products that improve the quality of images, help work flow more smoothly, keep patients comfortable, and ultimately help lower the costs of quality care.

Whether you are initiating, replacing, or expanding your imaging capabilities, you can now have CT imaging for the cost of many X-ray systems: Aquilion Lightning CT, from Toshiba.



Aquilion Lightning Technology

- 0.5 mm x 16 row, 32-slice option
- 78 cm bore
- AIDR 3D enhanced
- 660 lb. large-capacity couch
- SEMAR
- PURE^{VISION} Detector Technology
- XR 29 compliant

Health Care's Triple Aim

With the Aquilion Lightning CT system, Toshiba leads the quest for better health care:

1 Improved individual care

Dose reduction keeps patient exposure as low as possible.

2 Better health for populations

SEMAR improves visualization, by minimizing metal artifacts.

3 Lower total costs of care

Premium features with easy maintenance, unique to an entry level CT scanner.

TOSHIBA AMERICA MEDICAL SYSTEMS, INC.

2441 Michelle Drive, Tustin, CA 92780 / 800.421.1968 / medical.toshiba.com

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