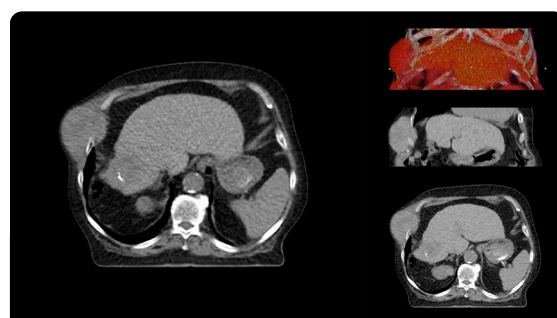


The Need for Easy, Consistent Acquisitions

“Standardizing the RT workflow is considered essential to improve RT treatment quality and reduce miscommunication or human errors.”¹

Easy, Consistent Acquisitions for Radiation Oncology

“Additional advances in radiotherapy treatment imaging include the development of four-dimensional (4D) CT, wherein CTs are acquired throughout the respiratory cycle, facilitating more precise measurement of tumor movement than conventional, or free-breathing, CT.”²



4D Respiratory Gated study to evaluate abdominal wall mass motion was performed in XL FOV (700 mm)

Easy, Consistent Acquisitions

Automated workflows for reproducible, accurate simulations and treatment plans.

High-Capacity Table

Ability to scan a greater range of patient sizes

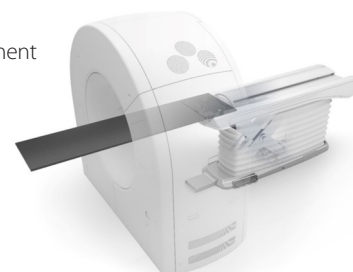
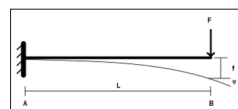
- Exceed LB has a 694 lb capacity
- Aquilion LB has a 661 lb capacity



TG66 Compliant Table

Meets the accuracy requirements set by AAPM TG66

- Deflection within 2 mm
- Reproducibility of movement within 1 mm
- Quality control



SUREWorkflow

- Automated workflows with pop-up protocols for specific body regions
- After patient registration selects the correct protocols automatically



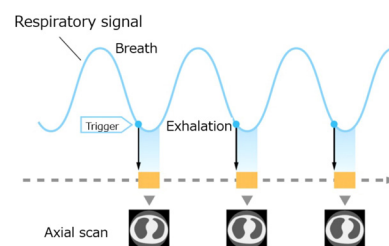
InstaView

Enables radiation therapist review of CT scan, instantly.

4D CT

Enables respiratory gated scanning

- Integrates seamlessly with a range of respiratory gating devices
- Can perform both phase and amplitude sorting
- Scan parameters automatically set by the scanner based on the patient's breath cycle.
- Helical scan mode, with phase and amplitude binning
- Volume scan mode with phase-based reconstruction



SUREExposure

Dose modulation tool for personalized dose management

- Calculates the optimum radiation exposure for every exam
- Adjusts the dose for each patient based on a preset, targeted level of image quality, making it easy to use on all exams.



SUREkV

Automated kV selection that is integrated into the protocols

- Integrated and easy to use
- Automated kV selection based on patient size, SUREExposure settings and clinical task
- Clinically targeted kV selections of 80, 100, 120, 135

¹ Journal of Applied Clinical Medical Physics, Clinical practice workflow in Radiation Oncology should be highly standardized Journal of Applied Clinical Medical Physics Per Halvorsen Nilendu Gupta, Yi Rong First published: 12 March 2019, Lancet 2021; 398: 171–84, Contemporary radiotherapy: present and future Ravi A Chandra*, Florence K Keane*, Francine E M Voncken, Charles R Thomas Jr.

² www.thelancet.com, Vol 398 July 10, 2021, 171

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