

TOSHIBA

Leading Innovation >>>

Celesteion™
PET/CT

“

I want
my patients
comfortable
and safe.

”

Toshiba gives you a voice. What's yours?



PET/CT:

System features that put patient comfort first.

SPECIFICALLY DESIGNED WITH THE PATIENT IN MIND.

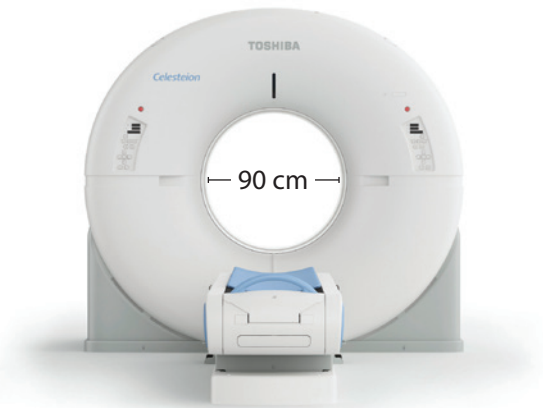
Offer your patients a new standard of performance with the Celesteion™ PET/CT System from Toshiba:

-  **ACCURACY**
Improves your ability to diagnose and treat diseases, including cancer
-  **SPEED**
Enhances patient comfort, care, and convenience
-  **DOSE CONTROL**
Maximizes safety without compromising imaging quality
-  **SHARED CAPABILITIES**
Offer patients the benefits of combining two technologies in a single, comfortable system

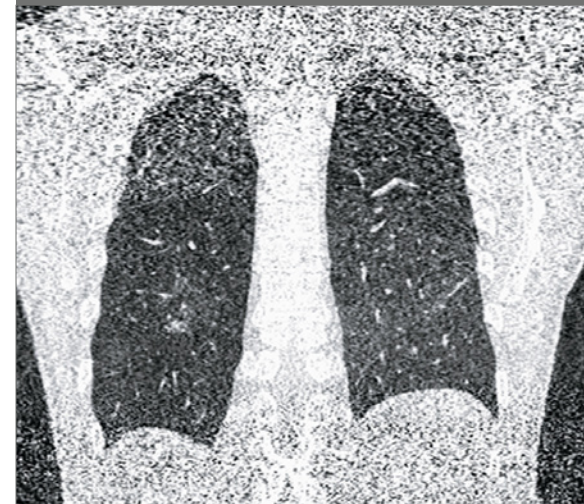
“ We need a PET/CT that produces high-quality images and also makes our patients as comfortable as possible. ”

LARGEST PET/CT BORE PROVIDES MORE ROOM TO MOVE.

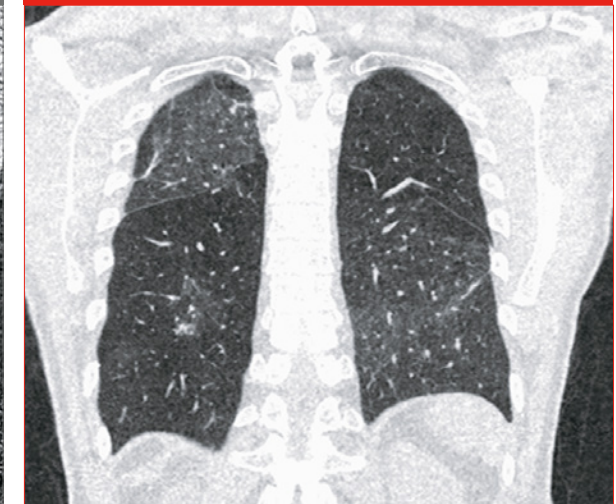
Creating a greater sensation of openness that helps patients feel more comfortable and less likely to experience claustrophobia, 90 cm CT and 88 cm PET bore diameters improve positioning during PET, CT, and radiation oncology exams.



ORIGINAL RECONSTRUCTION



AIDR 3D RECONSTRUCTION



Automated dose reduction with AIDR 3D.

NON-TIME-OF-FLIGHT



TIME-OF-FLIGHT



Improved image resolution and accuracy with 450 ps Time-of-Flight resolution.

Dose management that sets a new standard of patient safety.

Celesteion™ is MITA XR-29 Smart Dose Standard compliant and incorporates comprehensive dose controls that include Adaptive Iterative Dose Reduction 3D (AIDR 3D) to automatically lower dose.

EVERY SCANNER EXACTLY THE WAY YOU WANT.

Celesteion enables facilities to improve care and lower costs by maximizing system utilization with a single, shared system that meets—and exceeds—the needs of oncology, radiation oncology, and radiology providers.

SUCCESS. EVERY SCAN. EVERY TIME.

Improving accuracy, increasing efficiency, and enabling safer, more comfortable exams.

CT	PET
90 cm bore	88 cm bore
70 cm field-of-view	70 cm field-of-view
0.5 sec rotation	450 ps Time-of-Flight resolution
0.5 mm x 16 row detector	19.6 cm axial field-of-view
32 slice reconstruction*	4 mm x 4 mm crystals

*Optional coneXact double slice reconstruction.

Health Care's Triple Aim

With Celesteion PET/CT, Toshiba leads the quest for better health care:

- 1 Improved individual care**
Patient-centered design with largest, 90 cm CT bore for a better, safer experience
- 2 Better health for populations**
Improved accuracy and detection for better oncology care
- 3 Lower total costs of care**
A single shared system across multiple clinical service lines

TOSHIBA AMERICA MEDICAL SYSTEMS, INC.

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

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