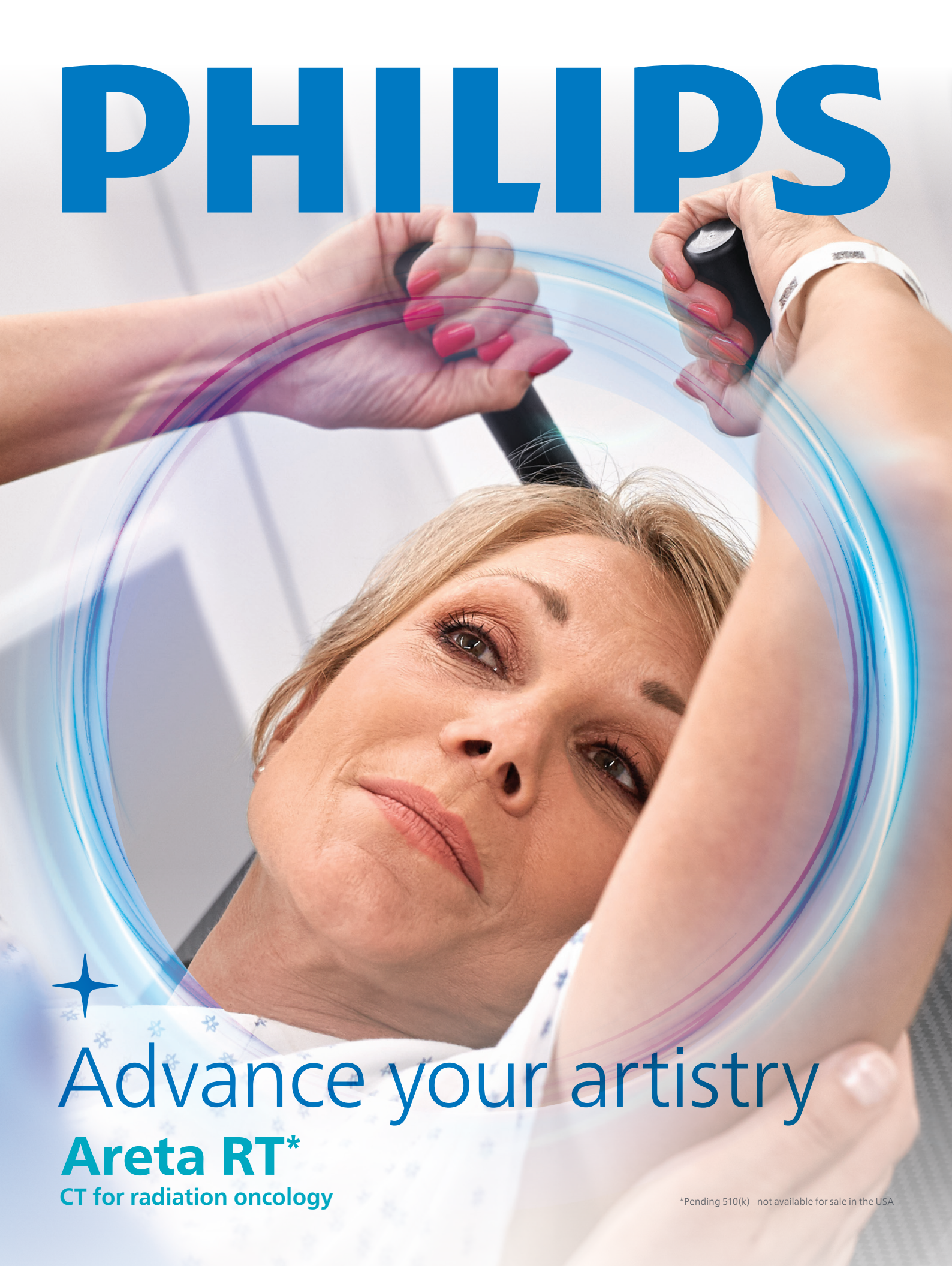
PHILIPS



Advance your artistry

Areta RT*

CT for radiation oncology

*Pending 510(k) - not available for sale in the USA

Target with accuracy

Advance the art of personalized CT simulation.

New Philips Areta RT allows you to delineate tumors more precisely to spare healthy tissue. Your patients count on you to design a journey for the best possible outcome, and Areta RT offers you accuracy and intuitive guidance at every step.

With you from the start

CT simulation is the crucial first step of the radiation oncology treatment journey. With a long history of industry firsts in CT simulation, we've been there from the beginning, and we've never stopped advancing radiation oncology with you.

Confidence starts here

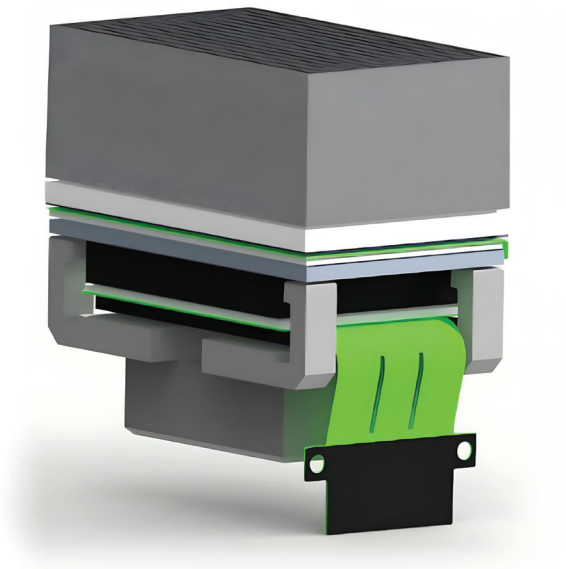
Highly accurate
Significantly reduce delineation variability for enhanced treatment plan accuracy

Enhanced experience
Stay close to your patient with simplified, intuitive workflow for fast results and greater user-to-user consistency

Smart for life
Maximize value with a smart investment that keeps you confidently covered throughout your system's lifetime

Enhance treatment plan accuracy

Reduce electronic noise and improve image quality linearity in lower-dose exams with the new NanoPanel Precise XD detector that is designed for AI image reconstruction and offers high in-plane resolution up to 23 lp/cm.



New NanoPanel Precise XD 2 cm detector designed for AI

Delivers excellent dose-efficient, high-resolution imaging with virtually no electronics noise impact on image quality.

Optional Precise Image* reconstruction

Simultaneously achieve:

60% improved low contrast detectability[2]

85% lower noise[2]

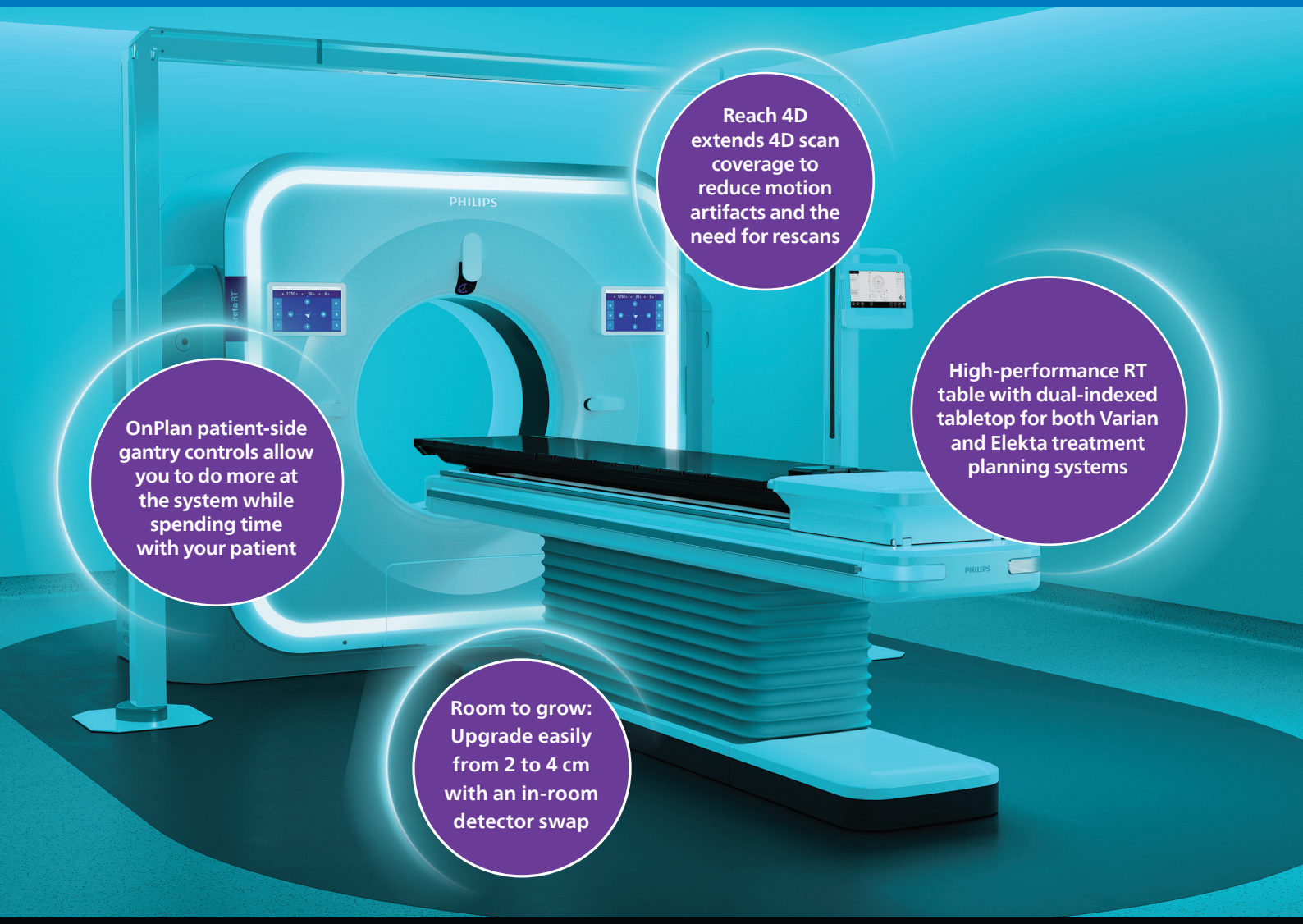
80% lower radiation dose[2]

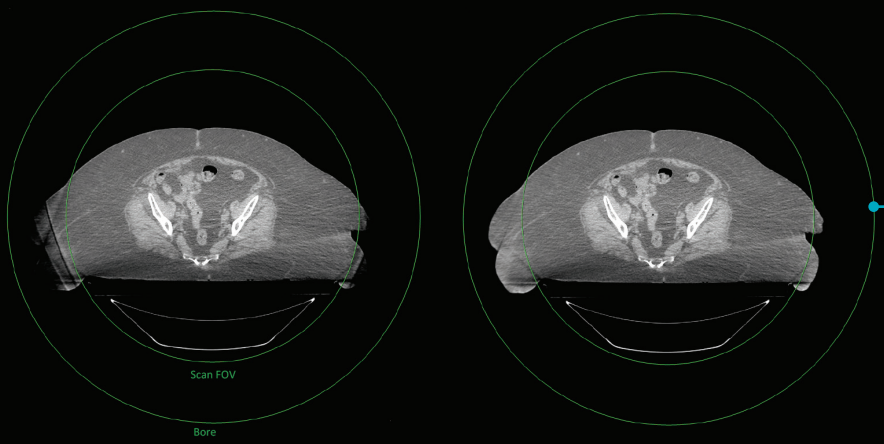
- Uses the power of a deep learning neural network for improved clinical confidence in CT Sim
- Provides image appearance that closely resembles filtered back projection (FBP)
- Delivers fast reconstruction speed with all reference protocols reconstructed in under a minute excluding 4DCT

*Not available for sale in all geographies.

Simplified, intuitive workflow

Areta RT is designed to expedite time to treatment and provide a positive experience for patients and staff while maximizing lifetime value.





Visualize full anatomy

85 cm EFOV*

85 cm EFOV so you can accurately visualize peripheral structures up to the bore[3]

*Optional.

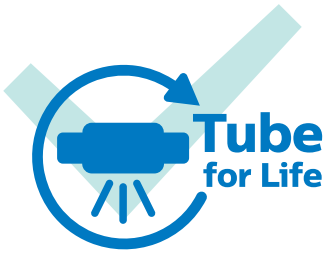
Smart for life

Dedicated to your long-term success

Designed differently from the start, Areta RT is built to last up to 20 years with required maintenance and commercial upgrades. A robust system design and AI-enabled Remote Services help make this extended service life possible.

Built to last

Areta RT features future-ready hardware and AI-enabled software upgrades.



Industry-first Tube for Life guarantee[4]

We believe so strongly in the reliability of the vMRC tube that we ensure that, if necessary, any tube replacement within a 10-year period is covered by Philips.[4] This tube features the latest innovation of Philips smart card technology that allows Philips to monitor tube life and potential downtime, as well as proactively fix any possible issues before they arise.

AI-enabled Remote Services

Help increase uptime and reduce unplanned equipment downtime through proactive remote monitoring and serviceability.

19%
of all cases are detected proactively by Philips CT Remote Services team before the customer notices the problem[5]

83%
of all customer cases received remote support[6]

~85%
of all cases are fixed right the first time around[6]

Up to 99%
system uptime guarantee[7] (depending on the service agreement selected, we secure uptime of your valuable equipment)

It’s time to raise your expectations about the CT simulation experience

CE
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References

1. Elsner K, Naehrig D, Halkett GKB, Dhillon HM. Reduced patient anxiety as a result of radiation therapist-led psychosocial support: a systematic review. J Med Radiat Sci. 2017 Sep;64(3):220-231. doi: 10.1002/jmrs.208. Epub 2017 Feb 3. PMID: 28160448; PMCID: PMC5587663.

2. In clinical practice, the use of Precise Image may reduce CT patient dose depending on the clinical task, patient size and anatomical location. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Dose reduction assessments were performed using reference body protocols with 1.0 mm slices at the "Smoother" setting, and tested on the MITA CT IQ Phantom (CCT189, The Phantom Laboratory) assessing the 10 mm pin and compared to filtered back projection. A range is seen across the 4 pins, using a channelized hoteling observer tool, that includes lower image noise by 85% and improved low-contrast detectability from 0% to 60% at 50% to 80% dose reduction. NPS curve shift is used to evaluate image appearance, as measured on a 20 cm water phantom in the center 50 mm x 50 mm region of interest, with an average shift of 6% or less. Data on file.
3. The extended field of view (EFOV) of 85 cm is intended solely for use in treatment preparation and the planning/simulation of radiation therapy. It cannot be used for diagnostic purposes. The HU Deviation of water equivalent material of system phantom positioned (partially) outside the scan FOV with phantom edge adjacent to bore cover is within -15 +/- 15 HU compared to the same object when positioned entirely within the scan FOV. The water equivalent material external contour deviation of body system phantom positioned (partially) outside scan FOV with phantom edge adjacent to bore cover shall be within 1 mm in terms of mean Hausdorff distance compared to the true external contour.
4. Tube for Life guarantee availability varies by country. Please contact your local Philips sales representative for details.
5. Service data is based on Philips internal records for CT systems under service contract from January to December 2024.
6. Service data is based on Philips internal records for CT Brilliance Air, iCT, Ingenuity, Incisive and Spectral CT systems under service contract from January to December 2024.
7. Actual service experience may vary depending on contract type, system configuration, geographical location and external factors such as parts availability. Performance guarantees, including uptime, are subject to the terms and conditions of individual service agreements.

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