



As flexible as your
care requires

Philips Ingenuity Flex³² CT

PHILIPS

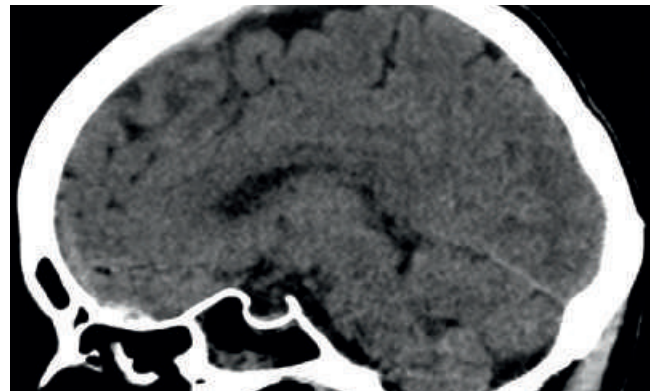
Built on Ingenuity

The Philips Ingenuity Flex³² helps you provide excellent care with outstanding flexibility, now and in the future. Built with the proven technologies of the Ingenuity CT platform, the new Ingenuity Flex³² configuration provides high image quality at low dose, flexibility in your daily workflow, and flexibility in your investment.

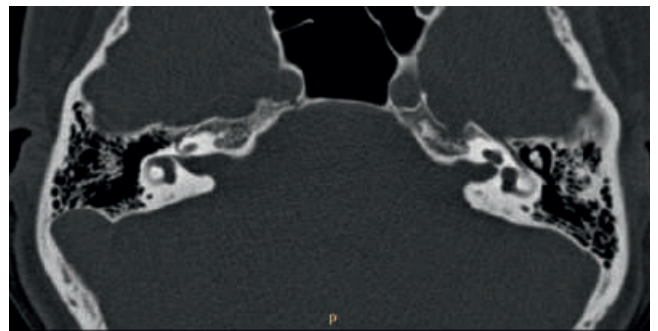
Excellent images for excellent care

Ingenuity Data Acquisition and Sampling technique provides an alternative to dynamic z-focal spot (ZFS) imaging. It reduces helical MDCT imaging artifacts and provides improved high-resolution 32-slice images that are clinically equivalent to those resulting from ZFS standard resolution acquisitions, and also exceed the quality exhibited by other “slice doubling” approaches.

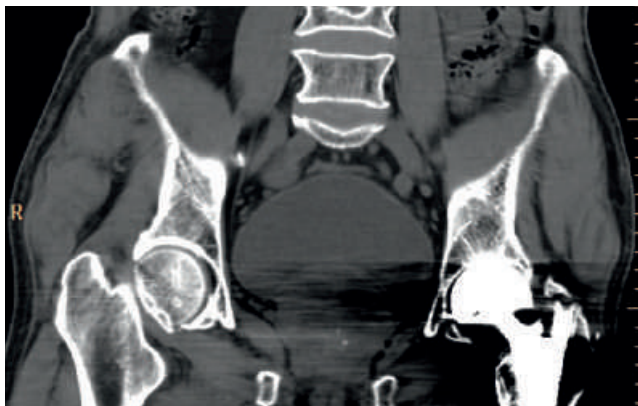
Ingenuity Flex³² can achieve these results while at the same time allowing in-plane (x-y) resolution up to 24 lp/cm not allowed by ZFS.



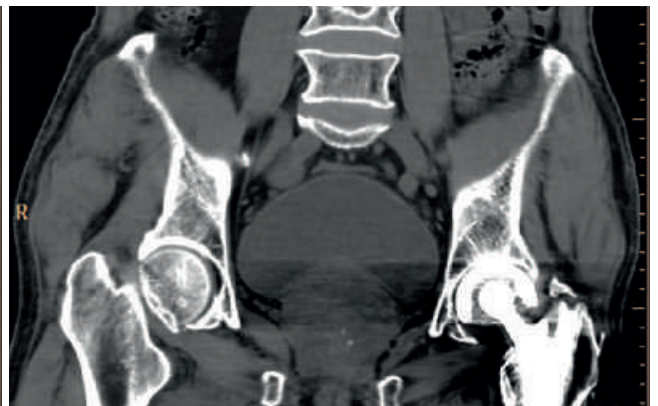
Routine brain scan using Ingenuity DAS technology.



Ultra-high resolution of IACs in 1024 matrix.



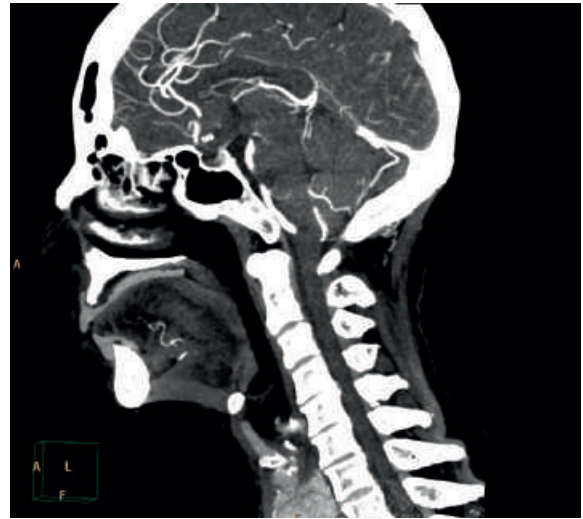
Without O-MAR



With O-MAR



Carotid CTA.

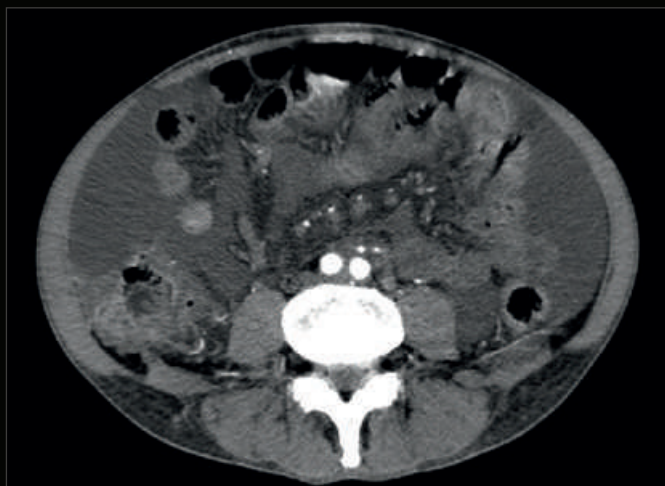


High resolution extremity.



Redefine what you

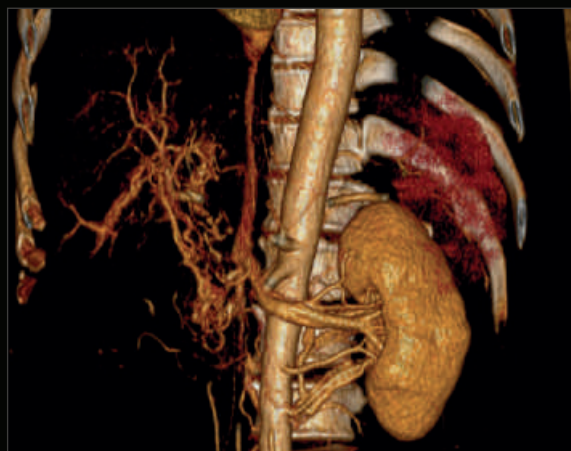
With personalized image quality based on your patients' needs at low dose, Ingenuity Flex³² continues to redefine low-dose CT scanning. It offers full functionality to excel at routine imaging and advanced technologies such as Ingenuity Data Acquisition and Sampling and the iDose⁴ Premium Package. Expect simplified workflow with fast acquisition and reconstruction speeds to help you in a range of clinical scenarios. Ingenuity Flex³² brings you the benefits of high-resolution 32-slice, thin reconstruction with improvement in Z-axis visualization and fast acquisition times with 24 mm coverage.



Routine CTA with iDose⁴ Level 3.



1.1 mGy CTDI_{vol} chest scan using iDose⁴.



3-phase liver using iDose⁴.

thought possible

You control the dial

Ingenuity Flex³² features iDose⁴, an advanced fourth generation iterative reconstruction technique designed to improve spatial resolution at low dose. With iDose⁴ you control the dial to personalize image quality based on your patients' needs at low dose.

When used in combination with the advanced technologies of the Ingenuity Flex³², it provides a unique approach to managing important factors in patient care – low energy, low dose, and low injected contrast imaging.

Which setting do you need?



Reconstruction speed

With iDose ⁴	16 IPS
Without iDose ⁴	16 IPS



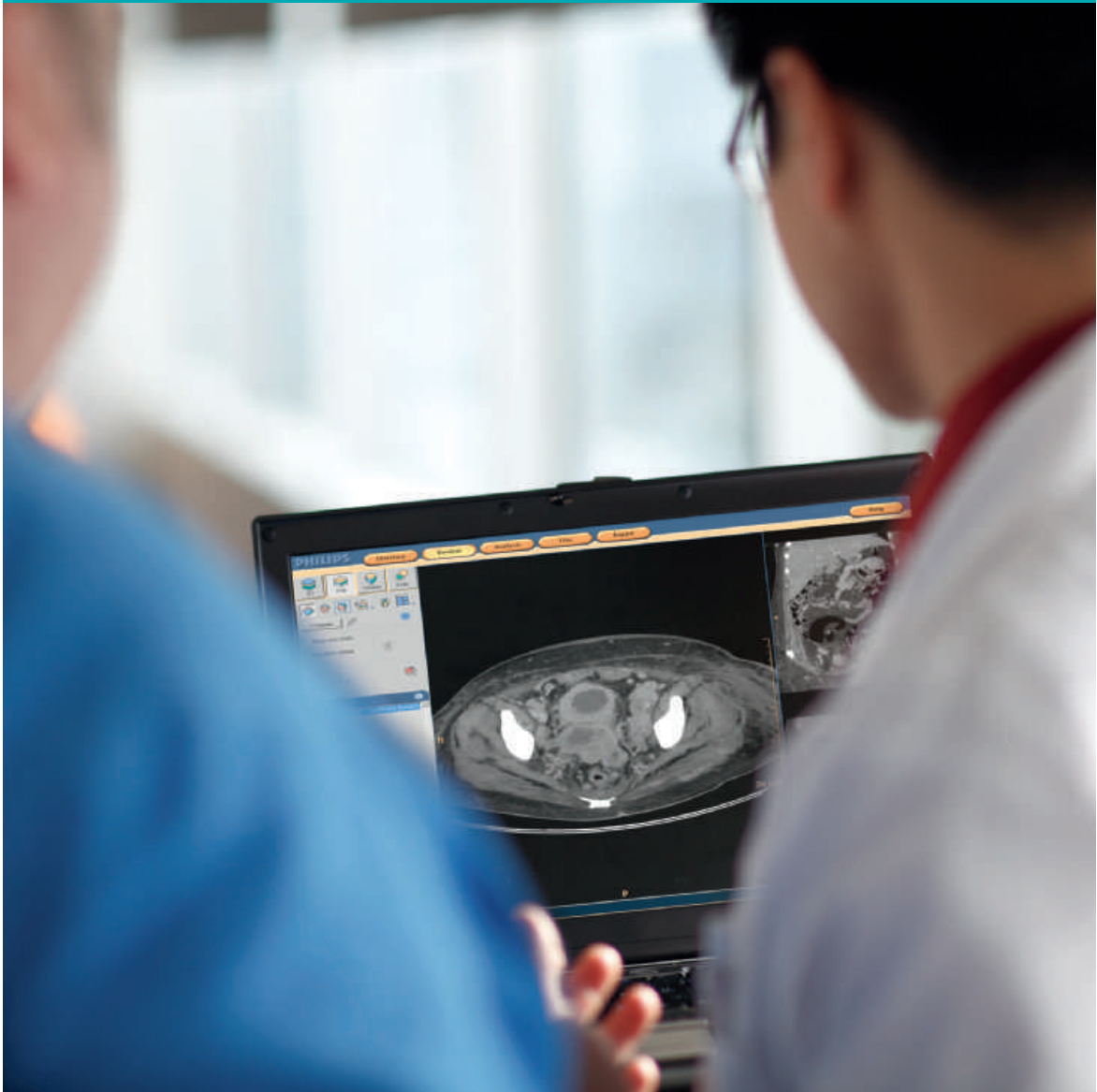
iDose⁴ Premium Package

Artifacts from large metal objects such as orthopedic implants can be problematic in imaging. These artifacts typically result in loss of anatomical information, impeding visualization of tissue and critical structures. That is why Philips is offering the iDose⁴ Premium Package. iDose⁴, Philips fourth-generation iterative reconstruction technique, improves image quality* through artifact prevention and increased spatial resolution. O-MAR reduces artifacts caused by large orthopedic implants.

* Improved image quality as defined by improvements in spatial resolution and/or noise reduction as measured in phantom studies.

The future belongs to

Not only can you manage image quality at low dose based on the needs of your patients, but you can also manage dose with tools such as Dose Check and the DICOM Dose report. Improve your economic picture with high patient throughput, fast acquisition and reconstruction, and advanced Ingenuity technologies.



the flexible



Upgradeability options and Philips SmartPath solutions are designed to grow as you grow. The future belongs to the flexible, and the new Philips Ingenuity Flex³² is your answer today and tomorrow.

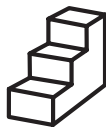


Philips SmartPath provides you easy access to solutions and innovations for the full life of your computed tomography system, so you can boost your clinical and operational potential and achieve your organizational goals.



Optimize

Optimize your system's performance both now and in the future with regular and ongoing updates, including functionality improvements and remote technical support.



Enhance

Enhance your equipment with regular technology upgrades, and take advantage of the newest features and capabilities.



Transform

Transform your investment at the end of your system's life by transitioning seamlessly to a next-generation solution or refurbished option.

**Philips Healthcare is part of
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How to reach us

www.philips.com/healthcare
healthcare@philips.com

Asia

+49 7031 463 2254

Europe, Middle East, Africa

+49 7031 463 2254

Latin America

+55 11 2125 0744

North America

+1 425 487 7000

800 285 5585 (toll free, US only)

Please visit www.philips.com/IngenuityFlex32



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