

PHILIPS

Computed tomography

Evolve your **Care**

Philips MX16^{EVO2} CT



Not available for sale in the USA.

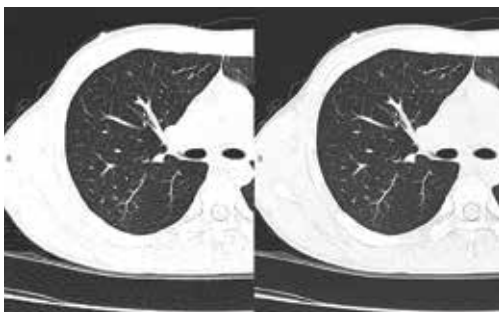
Take your care to the

Every day you are doing what is best for your patients, and the Philips MX16^{EVO2} CT system helps you continue to evolve your care in important ways with performance-leading technologies such as iDose⁴.

The next level

The MX16 family offers outstanding clinical performance, high productivity, and reliability. The MX16^{EVO2} provides even greater advances by adopting exclusive and best-in-its-class technologies such as iDose⁴

and metal artifact reduction (MAR) from the Philips premium platform. This allows for superb image quality with lower dose and advanced post-processing right at the console while providing low total cost of ownership.

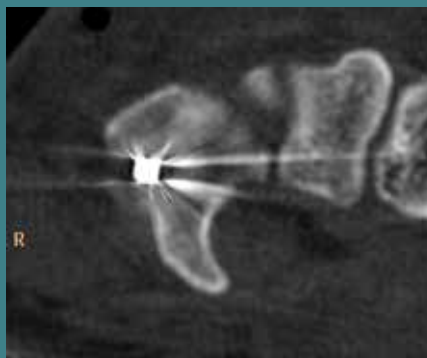


Diagnostic confidence with EVOEye

The 1024 matrix enables high resolution scanning, while EVOEye enhances low-contrast resolution.

MAR for increased visualization

Exclusive metal artifact reduction (MAR) technology helps isolate the effects of metal objects in the image data, enhancing visualization of surrounding anatomy for enhanced diagnostic confidence.



Without MAR



With MAR

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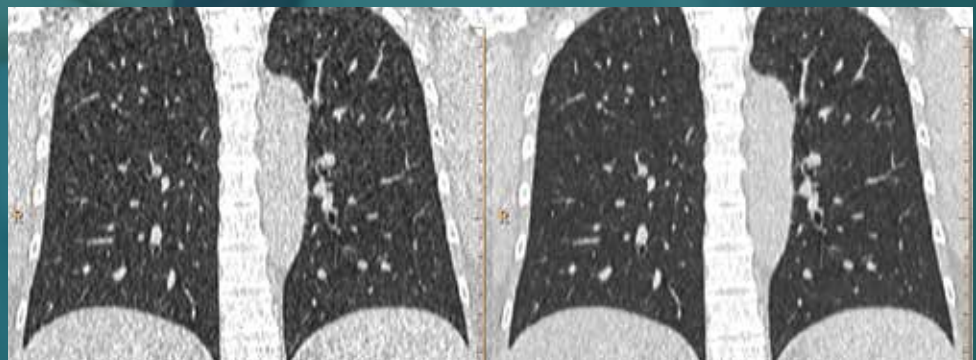
next level

Philips iDose⁴

Helping you evolve your care to the next level is Philips iDose⁴, which is an iterative reconstruction technique that gives you control of the dial so you can personalize image quality based on your patients' needs at low dose. When used in combination with other advanced Philips CT technologies, this provides a unique approach to managing important factors in patient care – low energy, low dose, and low injected contrast imaging.

iDose⁴

iDose⁴ improves image quality through artifact prevention and increased spatial resolution at low dose.



Without iDose⁴

With iDose⁴

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Enhance diagnostic

In traditional FBP-based approaches, higher spatial resolution is accompanied by increased image noise or increased radiation dose. iDose⁴ challenges this common trade-off, improving image quality without compromising the dose and by reducing the noise.

Worldwide trust

The MX16 family is installed in more than 700 hospitals globally. MX16^{EVO2} furthers your care by allowing you to perform a wide range of advanced studies as well as handle routine studies with ease.



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confidence

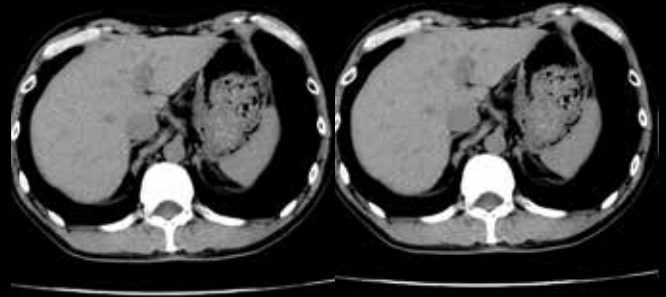
iDose⁴ reduces the noise and the artifact caused by using less radiation.



120 KV · 100 mAs · 4.46 mSv
iDose⁴ ON (Level 3)

120 KV · 100 mAs · 4.46 mSv
iDose⁴ OFF

Low dose image with iDose⁴ reaches equivalent performance as normal dose without iDose⁴.



120 KV · 152 mAs · 10.7 mGy
iDose⁴ ON (Level 3)

120 KV · 285 mAs · 19.8 mGy
iDose⁴ OFF

MX16^{EVO2} with iDose⁴ technology has the speed and coverage to perform demanding CTA procedures at lower radiation.



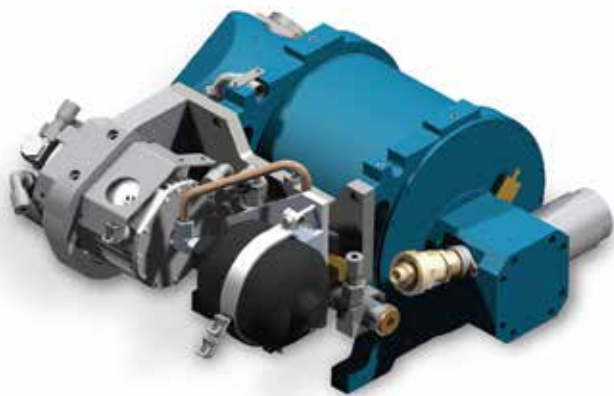
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Invested in **you**

Realize the most from your investment with the flexibility to perform advanced image processing on the console, including lung nodule analysis, CT angiography, brain perfusion, virtual colonoscopy, dental planning, and vessel analysis. The MX16^{EVO2} provides workflow automation tools to boost efficiency and productivity from scan planning through processing and data transfer such as Smart planning and Insert MPR.

Fast, reliable scanning

The system features several tools to enhance workflow, such as the ability to automatically recognize target anatomy for scan planning and direct MPR to provide real-time MPR during the scan. The MX16^{EVO2} has the widest coverage in its class and an average reconstruction speed of 20 IPS.



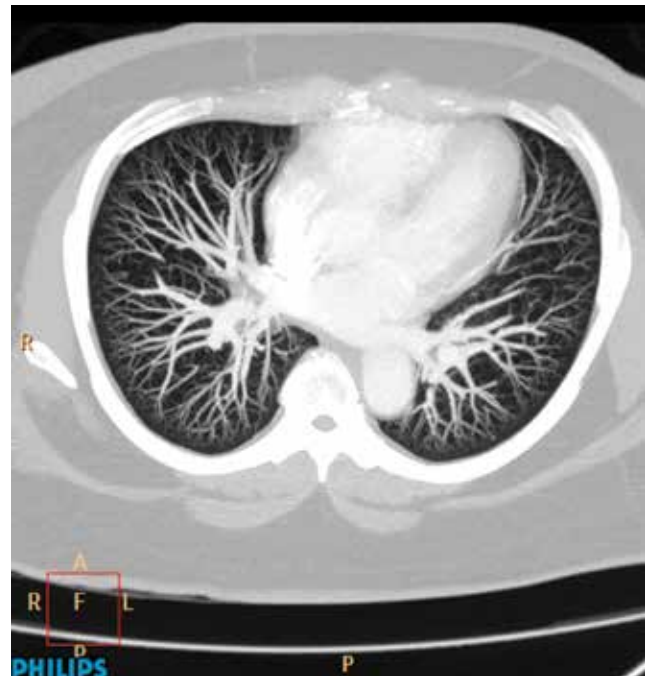
The MX16^{EVO2} features a smart design for fast scanning, including the most reliable tube in its class.

* Optional.

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Siting is simple

The compact system is designed for fast, simplified, and cost-effective installation, with siting requirements similar to most existing one-, two-, and four-slice scanner rooms.



ASTR (Adaptive Spiral Tracking Reconstruction Algorithm) for high-pitch scanning without sacrificing image quality while helping extend the tube life.

Services, financing, and upgrades

Philips offers a range of services and flexible financing options to help meet your needs and priorities from the start, including technology updates so that your system continues to evolve with you. The iDose⁴ upgrade kit, for example, is available for all MX16 systems to protect your investment, so you can boost your clinical and operational potential and achieve your future goals.

With Philips Advanced Remote Services we're closer than ever. We can anticipate failures before they occur, allowing service engineers to proactively schedule downtime and reduce impact to your normal clinical workflow.

Look to Philips for the training and other support to help you succeed.

Enhancing the capabilities of your existing MX 16-slice scanners, the SmartPath upgrade offers easy access to knowledge-based iterative reconstruction.



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



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



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



The images and descriptions contained herein provide technical specifications and optional features which may not be included with the standard system configuration. Contact your local Philips Representative for a complete specific system details.

Some or all of the products, features, and accessories shown or described herein may not be available in your market. Please contact your local Philips Representative for availability.

The MX16^{EV02} CT system is a configuration of the MX 16-slice CT system. Not available for sale in the USA.

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