



Evolve your care

Philips MX16^{EVO} CT

The Philips MX16^{EVO} CT scanner is evolving the way that clinicians are able to care for patients by offering them exceptional image quality with low dose, high patient throughput, and attractive total cost of ownership. Exclusive technologies such as the EVOEye algorithm and MAR technology make it possible for the MX16^{EVO} to deliver performance and productivity that are at the top of its class, allowing institutions to excel at routine applications and also move into neuro and CTA imaging with more patients a day. The system features a compact design, as well as the most capable and reliable tube in its class. MX16^{EVO} is a truly reliable workhorse that is easy for hospitals to operate and own.

Key advantages

- Exceptional image quality at low dose through unique technologies
- Compact system is easy to own, with a longer tube life than other 16-slice scanners
- High throughput with wide coverage, high pitch, and fast reconstruction speeds

PHILIPS
sense and simplicity

Evolve image quality and speed

The Philips MX16^{EVO} CT scanner has a number of features for superb image quality and throughput. With the MX16^{EVO}, you can have the image quality you seek at low dose, while extending the life of your tube. In fact, the compact system offers a longer tube life than any other 16-slice scanner in its class. It also offers wide coverage, high pitch, and fast reconstruction so you can scan more patients each day with diagnostic confidence.

- EVOEye algorithm improves low-contrast resolution
- Metal Artifact Reduction (MAR) enhances visualization of critical structures by reducing metal artifacts in patients with metal implants
- 1024 matrix enables ultra-high resolution scanning
- Extended Brilliance Workspace with advanced clinical applications extends your care into neuro and vascular studies
- Widest detector coverage in non-cardiac CT scanning
- ASTR technology allows you to scan with high pitch without sacrificing image quality
- Fast reconstruction speeds of up to 20 ips
- Long tube life with no tube cooling delay

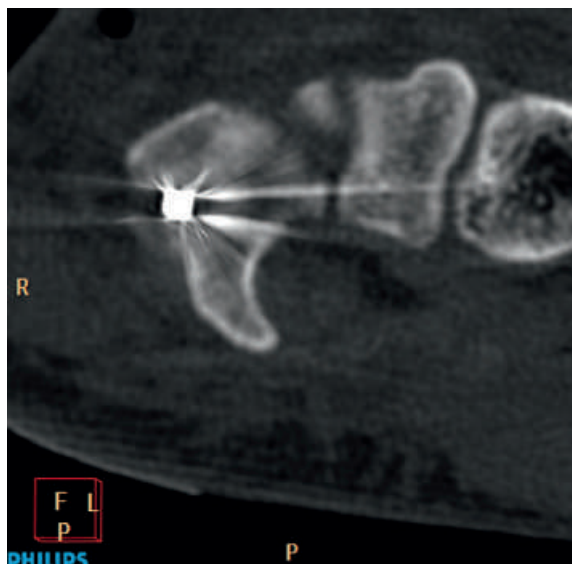
Diagnostic confidence with EVOEye



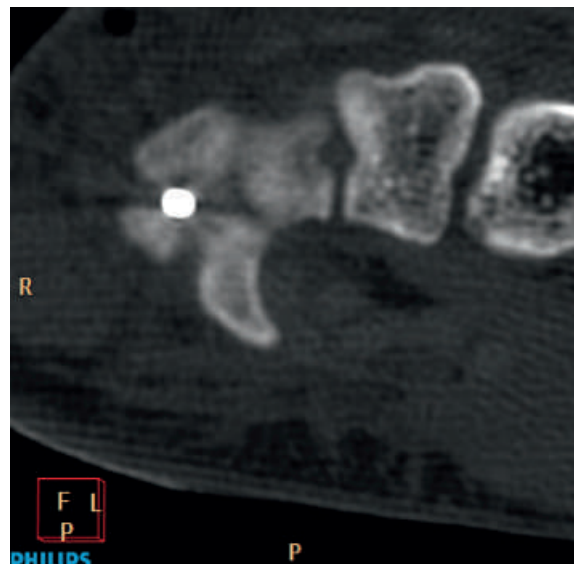
Excellent images with reduced noise.



Enhanced visualization with MAR (Metal Artifact Reduction)



Without MAR



With MAR

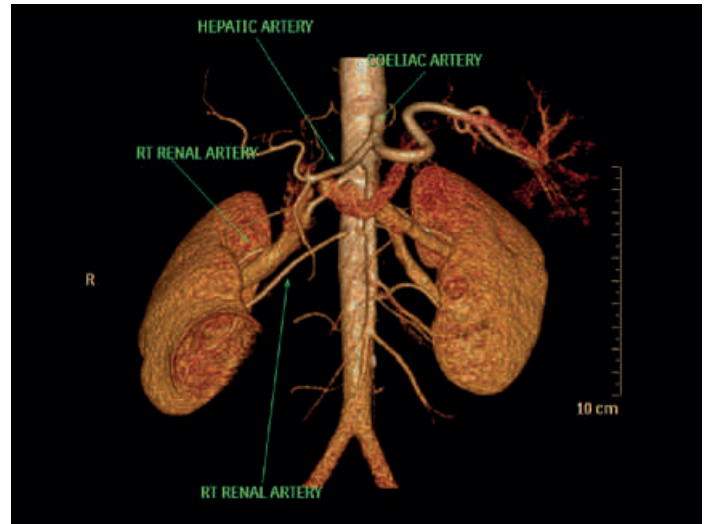


Exceptional quality in low-dose scanning



High image quality at low dose allows you to save your tube life.

Increase patient throughput with ASTR (Adaptive Spiral Tracking Reconstruction Algorithm)

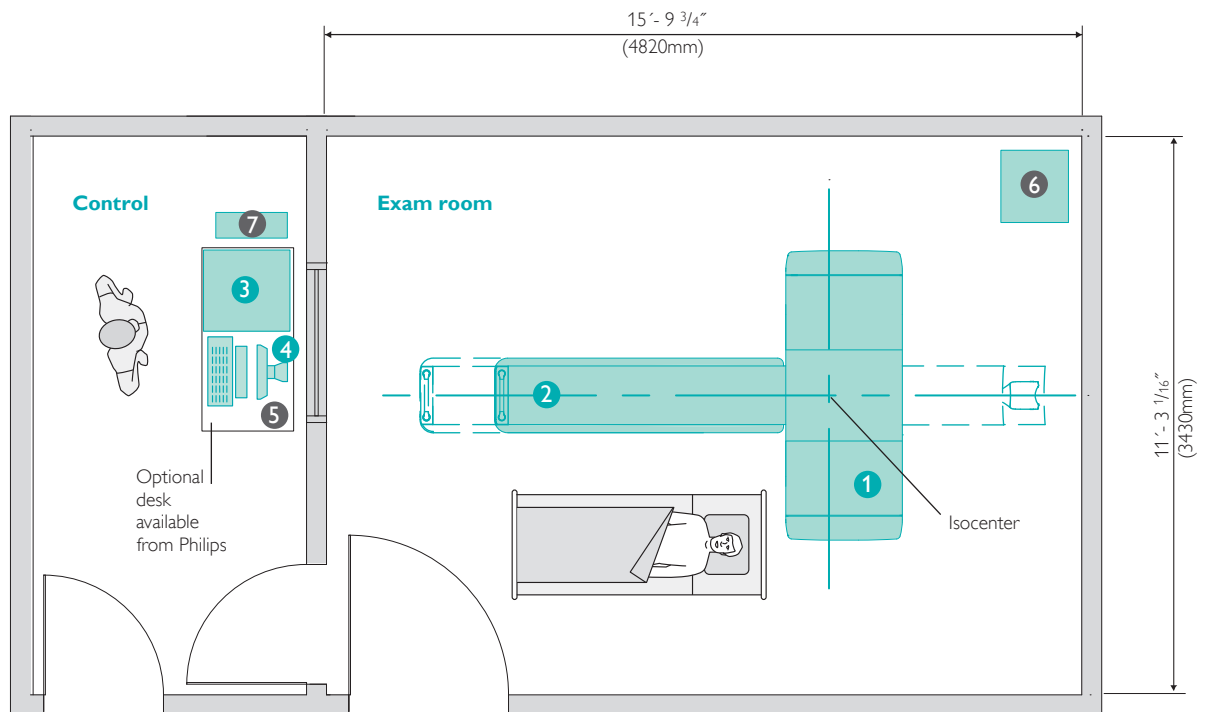


Scan with high pitch without sacrificing image quality through 3D data acquisition and reconstruction in spiral scanning.

Evolve siting

Designed and engineered to meet the needs of hospitals and facilities with room limitations, the compact footprint and low power demands of the MX16^{EVO} allow easy installation into many existing single- and dual-slice CT rooms.

Please contact the Philips Site Planning department for specific requirements about optional imaging/viewing/power equipment, floor space, and electrical, mechanical, structural, or environmental specifications.



Dimensions and weights

| | Weight | Height | Width | Depth |
|-----------------|---------------------|------------------|---------------|----------------|
| ① Gantry | 1900 kg (4189 lbs.) | 189 cm (74.5") | 221 cm (87") | 89 cm (35") |
| ② Patient couch | 430 kg (948 lbs.) | 105.5 cm (41.5") | 57.5 cm (23") | 242 cm (95.5") |
| ③ Computer | 150 kg (331 lbs.) | 72 cm (28") | 62 cm (24") | 66 cm (26") |
| ④ LCD monitor | 10 kg (22 lbs.) | 54 cm (21") | 44 cm (17.5") | 23 cm (9") |
| Optional | | | | |
| ⑤ Console table | 35 kg (77 lbs.) | 80 cm (31.5") | 140 cm (55") | 76 cm (30") |
| ⑥ Transformer | 274 kg (604 lbs.) | 71 cm (28") | 55 cm (22") | 52 cm (20") |
| ⑦ Console UPS | 56 kg (123 lbs.) | 43 cm (17") | 20 cm (8") | 55 cm (22") |