

MPT аппарат Ingenia MR-RT XD

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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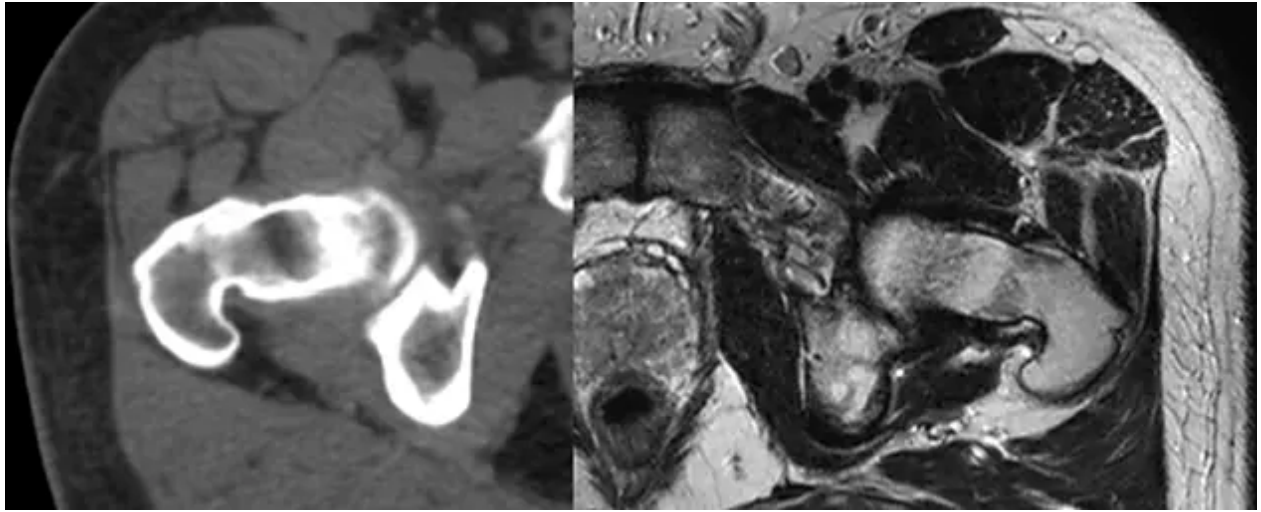
Ingenia MR-RT XD

Versatility to fit your planning

The Philips Ingenia MR-RT XD platform harnesses the power and value of MRI for radiation therapy planning. It has been designed around the needs of radiation oncology, with ease-of-use, streamlined integration, and versatility in mind. Central to that concept is the ability to define a tailored approach with customizable functionality that meets your individual clinical, workflow, and budgetary requirements – all to provide better patient care.



Features



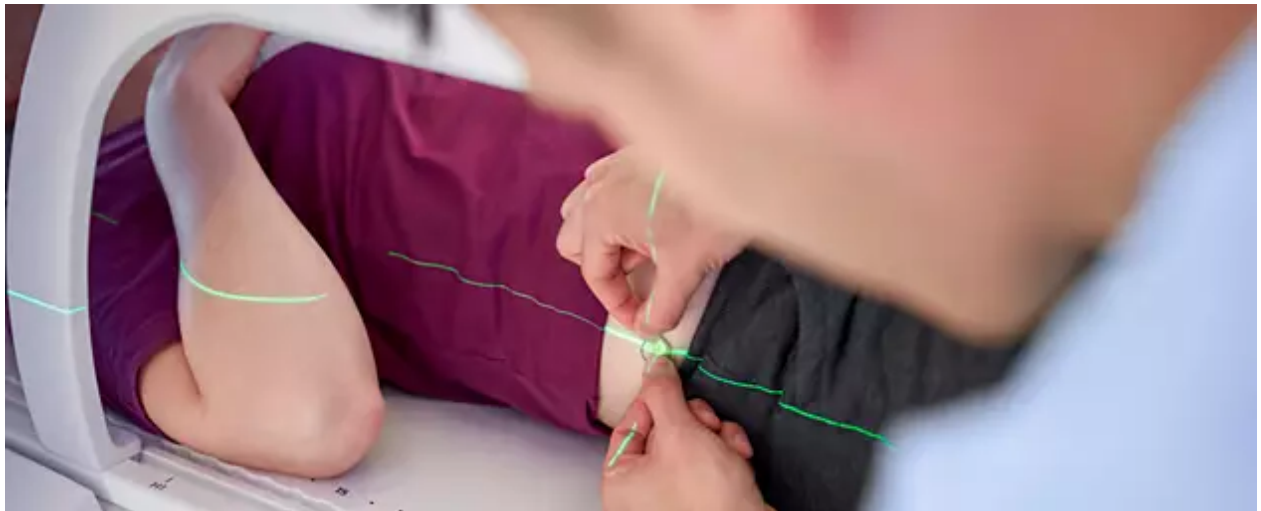
Experience the MRI difference

With its excellent soft-tissue contrast, MRI offers excellent visualization of tumor boundaries and proximity to nearby critical structures – a key factor for more confident delineation and improved treatment plans. What's more, MRI's advanced imaging capabilities provide you with a 'toolbox' to design personalized treatment options for each patient.



Be confident in image quality

With our state-of-the-art Ingenia (Ambition, Elition, Evolution) MR systems as its backbone, Ingenia MR-RT provides excellent geometric accuracy through its industry-leading gradient linearity and advanced 3D Gradient Distortion Correction functionality.



Position with precision

Ingenia MR-RT allows for accurate, reproducible patient positioning in treatment setup with an advanced couchtap design and tiltable Anterior Coil Support. Equipped with multi-indexing support, the RT CouchTop XD has one-to-one compatibility with various linacs and accommodates a variety of MRI-compatible immobilization accessories to match your procedural approach.



MR-only radiotherapy planning

The Ingenia MR-RT XD platform's MR-only radiotherapy capability turns your MR into an authentic single modality simulator. With innovative MRCAT (MR for Calculating ATtenuation), you can obtain CT-like density information for dose calculations and position verification based on a single MR scan. So you can eliminate cumbersome and error-prone CT-MR registration, and make MR-based workflows more cost-efficient.

Ingenia MR systems	Ambition 1.5T, Elition 3.0T, Evolution 1.5T, Ingenia 1.5T/3.0T
Bore design	70cm
Geometric imaging accuracy	≤ 1 mm in Ø 32 cm volume (typical)
RT CouchTop XD multi-indexing	14cm indexing and Elekta Unity Indexing system (2cm increments)
Coil arrangements	dStream FlexCoverage Anterior Coil, Posterior Coil, and FlexCoils L
Diagnostic head coil compatibility	Yes
Applications supported	Brain, head and neck, pelvis, thorax, abdomen, spine
Patient immobilization accessories	Can be ordered via 3rd party vendors including CIVCO, Orfit, Qfix, Elekta
Patient transport	Yes, with FlexTrak trolley
Geometric QA	Yes, large field of view QA phantom and automated analysis

Optional external laser positioning system

Type	LAP DORADOnova MR3T or APOLLO MR3T compatible
Allowed width range	2.594 - 5.000 m
Laser phantom	LAP Aquarius phantom and phantom holder, ELPS QA Test ExamCard

1. Compared to Philips scans without Compressed SENSE
2. Compared to the Ingenia 1.5T ZBO magnet

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