



PHILIPS

Radiation Oncology

MRI

Benefit from synergies and similarities

MR-linac simulation package for Elekta Unity

The **Philips Ingenia MR-RT simulation platform with MR-linac simulation package** is an ideal complement to Elekta Unity. With consistent workflows and image quality from MR simulation through to online MR guidance during radiation treatment, it lets you exploit the many similarities and synergies between Philips Ingenia MR-RT and Elekta Unity. A common high-field image generation technology enabling similar image quality, similar MR console user interfaces, as well as similar coil setup and patient positioning workflows enhance reproducibility, help accelerate learning curves and drive continuity across the care path.



The use of MRI in radiotherapy (RT) is growing, paving the way for new clinical pathways. MR-linac technology is set to change the game in RT. It offers simultaneous radiation delivery and fast acquisition of high-quality MR images, so you can see hard-to-visualize soft-tissue targets while you treat.

The Elekta Unity is a ground-breaking MR-linac platform and support online plan adaptation and response monitoring. But how can you prepare for this innovation today and benefit from consistent, streamlined, MR-guided workflows that support you tomorrow?

Consistency across workflows

There is a high level of consistency in workflows between Philips Ingenia MR-RT and Elekta Unity. Similar coil handling and identical patient positioning devices that are included in the MR-linac simulation package for Elekta Unity support reproducibility in patient set-up and efficient workflows.

Moreover, both MRI systems share a similar user interface, making it easy for staff to transfer between the two – lowering training effort and promoting smooth clinical operation.

Comparable image quality

The core image-generation technology shared by Ingenia MR-RT and Elekta Unity offers comparable and consistent high-field image quality. So you benefit from images with similar contrast across the care path – from diagnostic scans and MRI simulation, to online MR guidance during radiation treatment, to response monitoring. Working with similar image appearance helps to achieve consistency in image interpretation and delineation. This is especially important when matching MR simulation images with the MR-linac images acquired on treatment day.

A set of dedicated MR-linac ExamCards for Ingenia MR-RT closely resemble Elekta Unity's preset MRI ExamCards, supporting standardization across the two platforms.

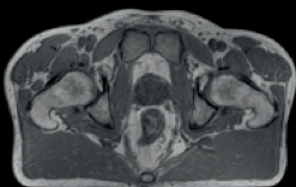


Elekta Unity



Ingenia MR-RT

Similar image quality



Ingenia MR-RT 1.5T

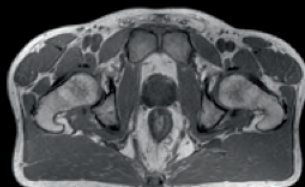
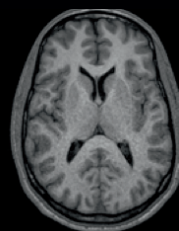


Image illustrative of Unity MR technology



Ingenia MR-RT 1.5T

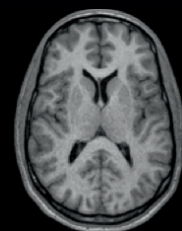
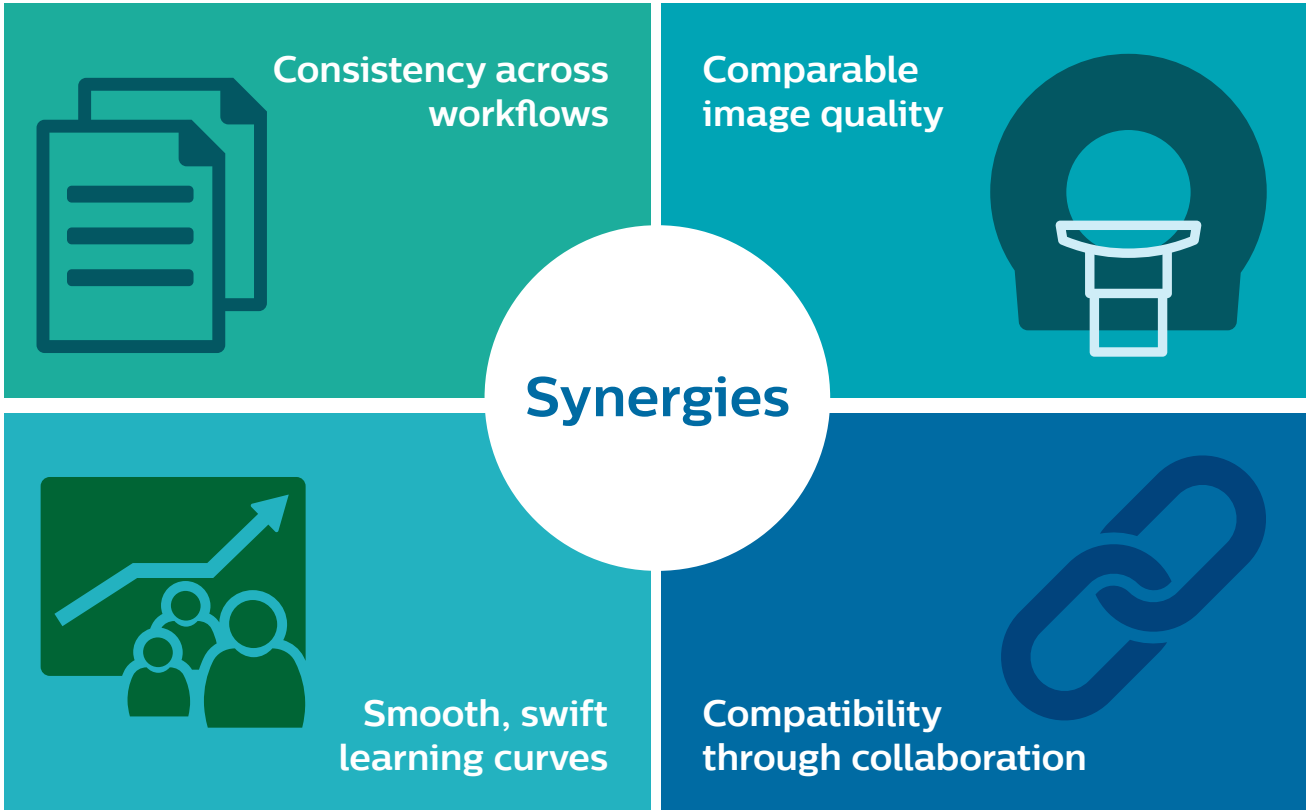


Image illustrative of Unity MR technology



Smooth, swift learning curves

Gaining experience with Ingenia MR-RT MR simulation can serve as a stepping stone to MR-linac adoption. You begin to build expertise even before your Elekta Unity is up and running. Your staff will already be trained and become familiar with MR safety procedures, workflows and image registration, as well as with MR-based contouring and planning.

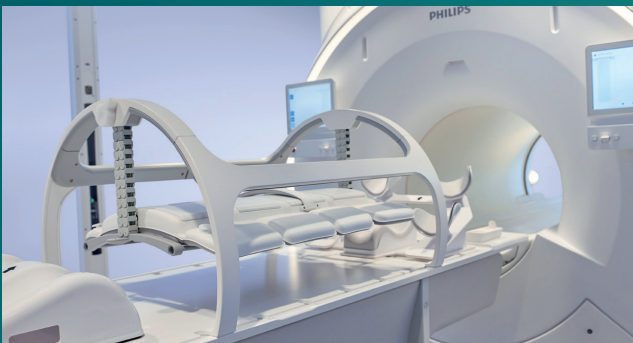
A similar user interface and similar terminology and workflows mean knowledge can be easily transferred between scanners. This makes for fast, efficient learning curves and significantly reduces MRI training effort once you take delivery of Elekta Unity.

Compatibility through collaboration

Elekta and Philips have entered a technology partnership to elevate the role of MRI in RT. As a leader in MR imaging, Philips is contributing proven high-field MR imaging technology and expertise. Elekta has worked closely with Philips to combine its linear accelerator with advanced MR imaging capabilities and sophisticated workflow software in Elekta Unity.

Based on this partnership, Philips Ingenia MR-RT and Elekta Unity share similar MR sub-systems. The high level of compatibility between vendors and systems supports transfer of future developments from one platform to the other. So you benefit from synergies, can keep up-to-date and can future-proof your investments.

Similar coil setup and positioning devices



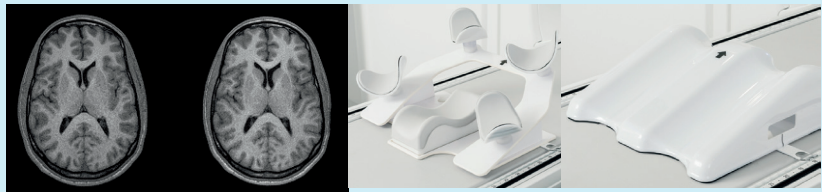
Ingenia MR-RT

Comprehensive MR simulation solution with platform synergies with Elekta Unity



MR-linac simulation package for Elekta Unity

Simulation package to benefit from comparable imaging and consistent workflows



MR-linac similar ExamCards for Ingenia MR-RT

Similar Patient Positioning Devices (PPDs)

Specifications

MR system	Ingenia MR-RT 1.5T or 3.0T	Required
MR-linac similar ExamCards for Ingenia MR-RT	MRL Brain	Included
	MRL HeadNeck	
	MRL Thorax	
	MRL Abdomen	
	MRL Pelvis	
MR-linac simulation package	KneeSTEP M	Included
	FeetSTEP M	
	KneeSTEP Elevation block M	
	Headrest M	
	Headrest M Indexing Adapter	
	Prone Position Pillow M	
	Handgrip M	
	Armrest M	
	Body respiratory navigators	
	System wingSTEP M Low	

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