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## **Philips MRI advances** scan speed and patient experience

When Hospital Nuestra Señora del Rosario in Madrid, Spain, upgraded its Ingenia 3.0T MRI system with SmartPath to MR 7700, it transformed the facility's operations, workflows and patient

experience. Senior technologist Rocío Muñoz, who has 15 years of MRI experience, shares her insights following this transition.



## Patient-centered enhancements

Enhancing patient experience is a top priority at Nuestra Señora del Rosario. Many patients may undergo an MRI examination for the first time and could benefit from additional information to help them feel at ease during the scan, says Rocío Muñoz.

To improve the scanning experience, the team uses SmartSpeed acceleration to reduce exam times and embraces the new mattress that offers patients more comfort during the scan. AutoVoice provides patients with instructions and progress information during the scan. All these components combined make the patient experience at Nuestra Señora del Rosario more pleasant.

Many patients are elderly and more likely to have implants. Properly managing MRI patients with implants is crucial for patient safety, and that's where ScanWise helps simplify the process for patients with MR Conditional implants.

*"Patients appreciate when we take time to explain the process — how long it takes, what to expect. This reassurance matters."*

**Rocío Muñoz, Senior technologist,  
Hospital Nuestra Señora del Rosario**

*"For older patients with implants, entering data upfront ensures their safety—that's priceless."*

**Rocío Muñoz, Senior technologist,  
Hospital Nuestra Señora del Rosario**





## Workflow improvements allow for more personalization

Upgrading an old system can greatly enhance workflow efficiency, as newer software and technology provide major improvements. For instance, obtaining excellent multi-phase liver images without need for breathholds is a gamechanger for many patients. Improved coils and automatic coil selection allow technologists to confirm that coils are correctly placed before they leave the room, saving valuable time and reducing

hassle. AI-enabled SmartSpeed plays a big role, with shorter sequences delivering consistently high image quality. Pre-scan planning tools save time in the control room, allow more time for exam customization and more focus on the patient set-up and preparation. This helps patients feel more informed and comfortable during the scan, which can make it easier to lie still which can reduce the need for re-scans.

*“Before, we rushed through setups. Now, automation lets us focus on personalized care.”*

Rocío Muñoz, Senior Technician, Hospital Nuestra Señora del Rosario



## Improving image quality and clinical protocols

When upgrading an MRI system, a key priority is to maintain or improve image quality. Looking at the evolution of their MR operations, Nuestra Señora del Rosario closely examined the consistent quality of diagnostic information for radiologists. They observe that gradients provide better spatial resolution and DTI than before. SmartSpeed plays a key role in further enhancing the diagnostic quality, and faster 3D imaging sequences allow high quality multiplanar reformatting. SmartSpeed MotionFree increases image quality for patients that cannot hold their breath.

*"We've seen many changes in our image, workflow, and coils, and everything has been much better"*

**Rocío Muñoz, Senior technologist,  
Hospital Nuestra Señora del Rosario**



# Summarizing the major benefits is straightforward

Nuestra Señora del Rosario highlights three key improvements that have resulted in their satisfaction with the Smartpath to MR7700. First, sequences are 30 to 50% faster, providing greater flexibility in patient management and

scheduling. Second, ScanWise largely simplifies scanning patients with implants by providing step-by-step guidance and automatically applying entered values. Lastly, simplified communication with patients helps in reducing their stress.

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