

PHILIPS

BlueSeal Mobile 1.5T

Mobile MR systems

HOSPITAL

PHILIPS

MRI Experience

The first mobile MRI scanner
with helium-free operations

Innovation + you



The road to sustainable MRI

The road to sustainable mobile MR

Fast and patient centric MRI services
where and when you need it

Bring MRI services to where your patients are

With Mobile MRI systems, you are bringing high quality MRI services to your patients—whether this is to meet the growing demand for MRI scans in your hospital, a temporary solution while your current system is being updated or replaced, or bringing MRI services closer to underserved populations and patients in more remote areas.



Ingenia Ambition 1.5T X

High performance system that delivers superb image quality even for challenging patients.

45 mT/m, 200 T/m/s



Ingenia Ambition 1.5T S

Versatile system that supports high volumes with fast exams for all anatomies.

33 mT/m, 120 T/m/s



MR 5300 1.5T

Efficient system with ultralight adaptable coils that assures exceptional ROI for general MRI exams.

33 mT/m, 120 T/m/s

Check magnet-specific documentation or consult your local Philips representative for more information about these options.

First and only 1.5T MR portfolio with helium-free operations

Our innovative portfolio of BlueSeal Mobile MRI systems with helium-free operations gives you the flexibility to deliver fast and patient-friendly MRI services where and when needed. Combined with an attractive TCO in daily operations and eliminating helium-related costs associated to loss of helium during the lifetime. The systems are designed to deliver smart productivity with automation and AI tools for high productivity and high clinical quality to meet your imaging needs. Unlocking new possibilities on the road to sustainable mobile MRI.

Why a BlueSeal Mobile MRI?

This innovative portfolio of mobile MRI systems is powered by Philips exclusive and industry's first BlueSeal magnet for helium-free operations. The lightweight magnet unlocks new siting options, and the Eco-design takes away the hassle of helium refills and the need for a vent pipe.¹ The system can easily be discharged and re-energized through the console.

Helium-free MR operations

Philips BlueSeal magnet safeguards the small amount of liquid helium (7 liter) needed for cooling inside the bore. There's no helium loss, no refills, and no unexpected helium related costs during the lifetime. No helium-related expertise is needed on-site.² Your mobile MR is free to drive around flexibly, giving access to more patients in need of MRI.



Experience the unique advantages of BlueSeal MRI



Reduce consumption of scarce helium

- The magnet safeguards the small amount of liquid helium needed for cooling
- Eliminates the hassle of helium refills and helps you to avoid helium related unexpected costs.



Improve image quality and speed

- Enhances diagnostic confidence by providing up to 65% greater resolution³
- Scans up to three times faster³



Manage risk and avoid downtime

- Allows for fast de-energizing from the console
- Decreases downtime during emergency situations
- No on-site helium related expertise is needed



Unlock new siting options

- The BlueSeal magnet is 900kg lighter⁴ allowing flexible siting
- Does not need a vent pipe¹, thus reduces installation costs and siting limitations

Smart productivity with an automated and patient centric workflow

Our BlueSeal Mobile MRI systems incorporate the latest Philips technology in terms of productivity and workflow. The systems contain a wealth of AI-driven technologies to simplify and automate tasks for the technologists to make it easy for them to deliver high quality images for a confident diagnosis with the efficiency you need. Your staff is even able to scan up to 3 times faster³ with the latest SmartSpeed technology, acquiring ultra-fast images.



Enhancing the care environment with Philips Ambient Experience

Ambient Experience helps create a calming environment that supports efficient patient care and is ideal for patients that don't feel comfortable in confined spaces. Dynamic colored lighting and calming sound accomplish a welcoming and relaxing ambiance for patients, while In-bore Connect provides positive distraction and helps guide them during the examination. By making the patient more comfortable, you could improve patient compliance and potentially reduce the number of interruptions and rescans.

Ambient Experience for Mobile is works in progress, not yet available for sale.

High clinical quality

Our mobile systems are equipped with a wealth of clinical capabilities – with the aim of helping you deliver consistently high-quality outcomes, even for complex cases, while maintaining short and more predictable timeslots. We see this together with the AI driven technologies that support your technologists in delivering consistent results as the path to confident diagnosis.



Giving your staff the support they need on the road

Radiology Operations Command Center (ROCC) is multi-vendor, multi-modality, multi-site virtual training and collaboration solution that connects imaging experts at a command center or workspace with technologists across their organizations, including in mobile environments. ROCC enables real-time collaboration and over-the-shoulder support, breaking down communication barriers and helping maximize the value and reach of top staff to deliver the image quality you need.

Up to 3x faster scans³

Philips SmartSpeed delivers image quality and speed without compromise. It increases imaging speed by up to a factor of 3³, provides up to 65% greater resolution³ to deliver outstanding image quality, and is compatible with 97% of clinical protocols.⁵ It covers motion imaging, imaging near implants, free-breathing imaging and diffusion-weighted imaging to address the needs of a broad range of patients in various conditions.



Conventional
Ax T2w TSE
0.5 x 0.6 x 3.0 mm
3:00 min

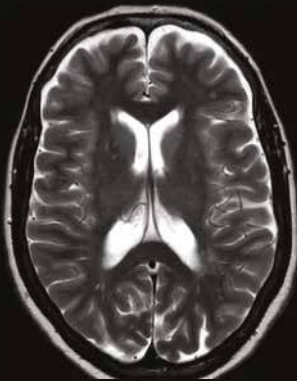


SmartSpeed
Ax T2w TSE
0.5 x 0.6 x 3.0 mm
1:02 min

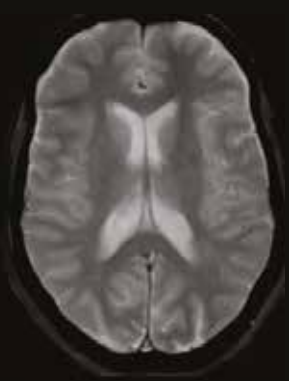
System: Ingenia Ambition 1.5T

Smart productivity with AI

SmartSpeed total exam time: 8:32 min



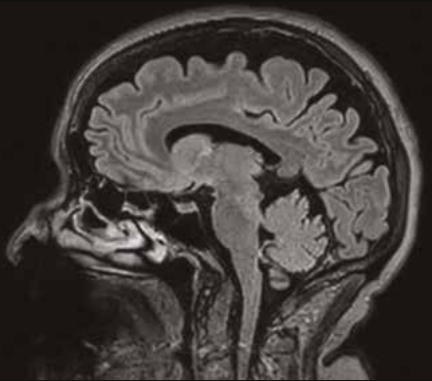
2D T2w TSE
0.6 x 0.75 x 5.0 mm
1:25 min



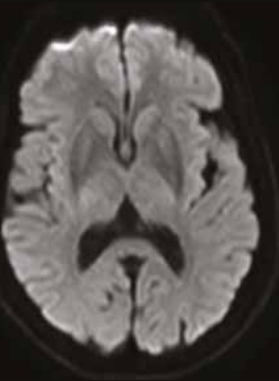
2D T2w FFE
0.9 x 1.1 x 5.0 mm
2:00 min



3D T1w TFE
1.1 x 1.1 x 1.1 mm
2:08 min



3D BrainVIEW FLAIR
1.2 x 1.2 x 1.2 mm
2:24 min

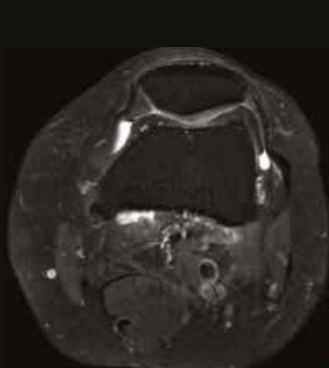


DWI b1000
1.5 x 2.0 x 5.0 mm
0:35 min

SmartSpeed total exam time: 7:08 min



PDw Sag.
0.5 x 0.6 x 3.0 mm
1:14 min



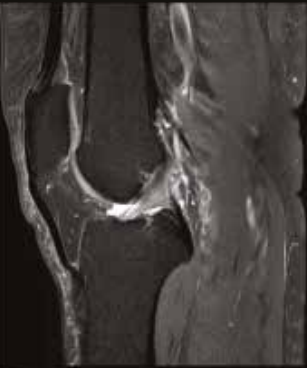
PD Spair Tra.
0.5 x 0.6 x 3.0 mm
1:40 min



T1w Cor.
0.5 x 0.6 x 3.0 mm
0:47 min



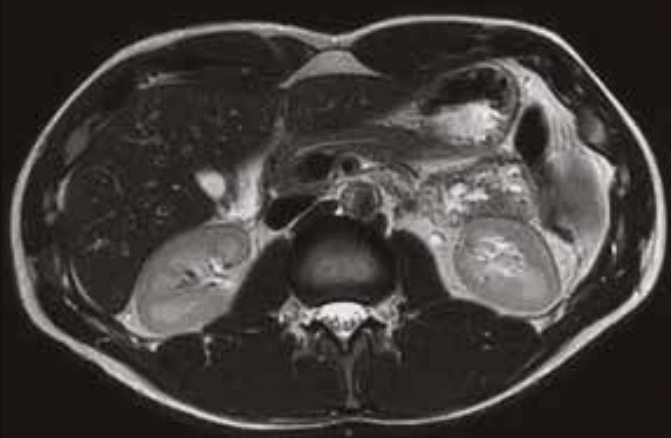
PD Spair Cor.
0.5 x 0.6 x 3.0 mm
1:27 min



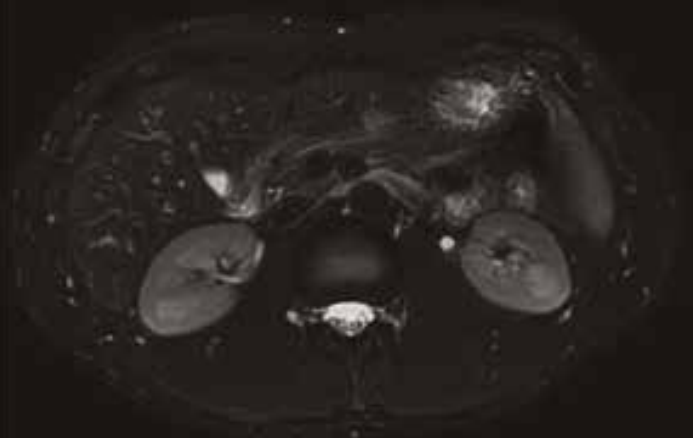
PD Spair Sag.
0.5 x 0.6 x 3.0 mm
2:00 min

Full free-breathing pancreas exam

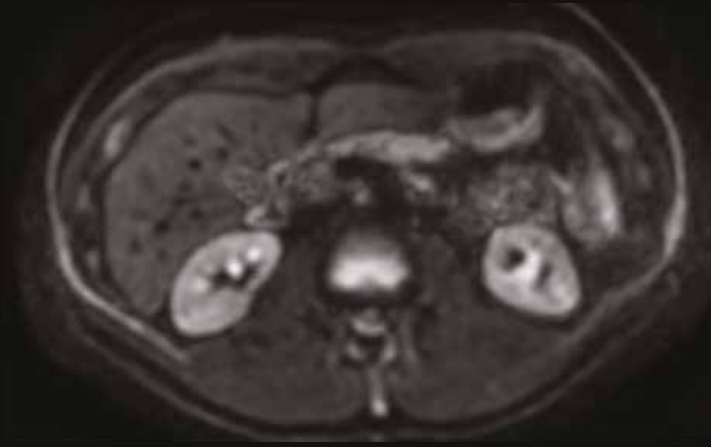
SmartSpeed total exam time: 9:52 min



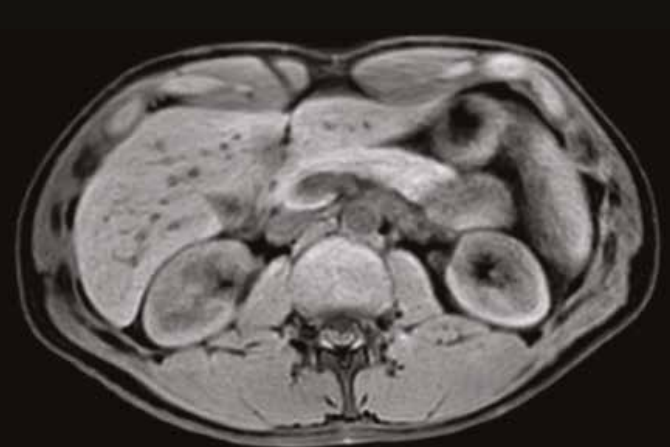
T2w TSE SmartSpeed MotionFree
1.0 x 1.0 x 5.0 mm
2:15 min



T2w TSE FatSat SmartSpeed MotionFree
1.2 x 1.2 x 5.0 mm
2:48 min



Diffusion b800
3.0 x 3.0 x 5.0 mm
2:42 min



4D FreeBreathing
1.5 x 1.5 x 3.5 mm
2:07 min

C-spine with SmartSpeed

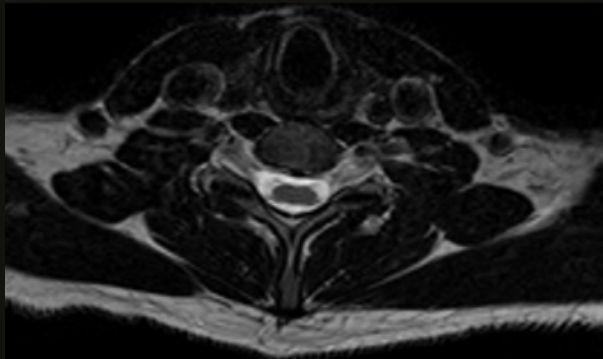
SmartSpeed total exam time: 7:33 min



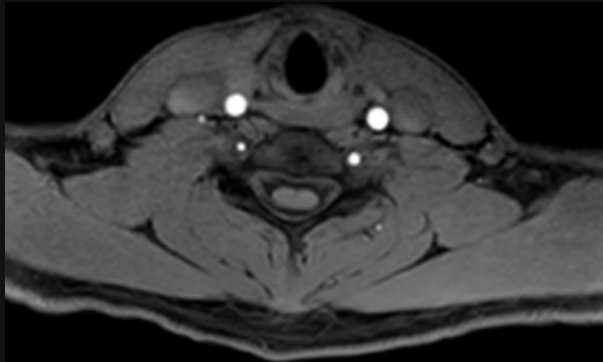
T2w Sag.
0.7 x 0.9 x 3.0 mm
1:18 min



T1w Sag.
0.9 x 0.9 x 3.0 mm
1:39 min



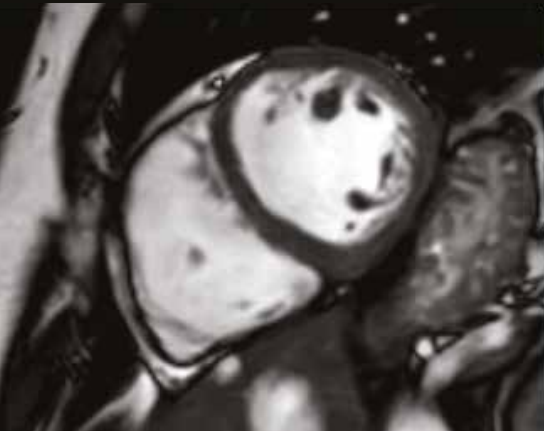
T2w Tra.
0.6 x 0.9 x 3.0 mm
2:31 min



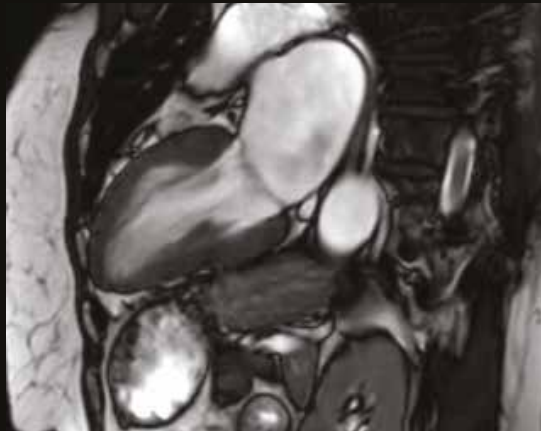
T1 mDixon Tra.
1.0 x 1.0 x 3.0 mm
2:05 min

System: Ingenia Ambition 1.5T

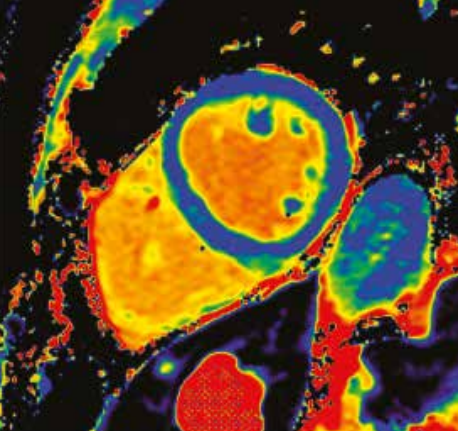
Non-contrast cardiac protocol with SmartSpeed



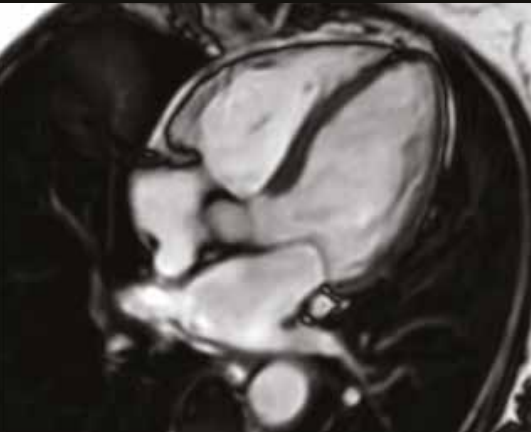
Cine BTFE SA
1.3 x 1.4 x 8.0 mm
10s bh



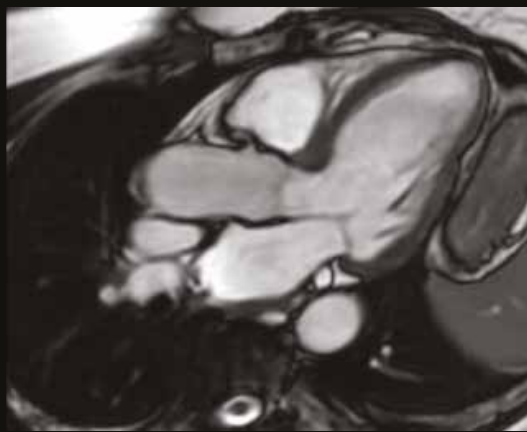
Cine BTFE 2ch
1.3 x 1.4 x 8.0 mm
10s bh



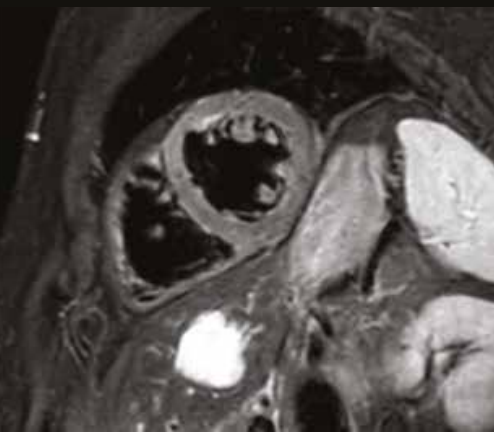
T1 mapping
1.4 x 1.4 x 10 mm
11s bh



Cine BTFE 4ch
1.9 x 1.8 x 8.0 mm
10s bh



Cine BTFE LVOT
1.7 x 1.7 x 8.0 mm
10s bh



T2w STIR Black Blood
1.1 x 1.3 x 6 mm
12s bh

System: MR 5300

1. Due to closed magnet system.
2. Based on IEC60601-2-33 requirements.
3. Compared to Philips SENSE imaging.
4. Compared to the Ingenia 1.5T zero boil-off magnet.
5. On average, measured across a sample of sites from Philips MR installed base.

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