Making high performance your standard

Philips Multiva 1.5T MR system

PHILIPS

More opportunities, more referrals

Philips is committed to fueling a revolution in imaging designed to deliver greater collaboration and integration, increased patient focus, and improved economic value. We provide you with advanced imaging technologies you can count on to make informed clinical decisions, while providing more efficient, more personalized care for patients.

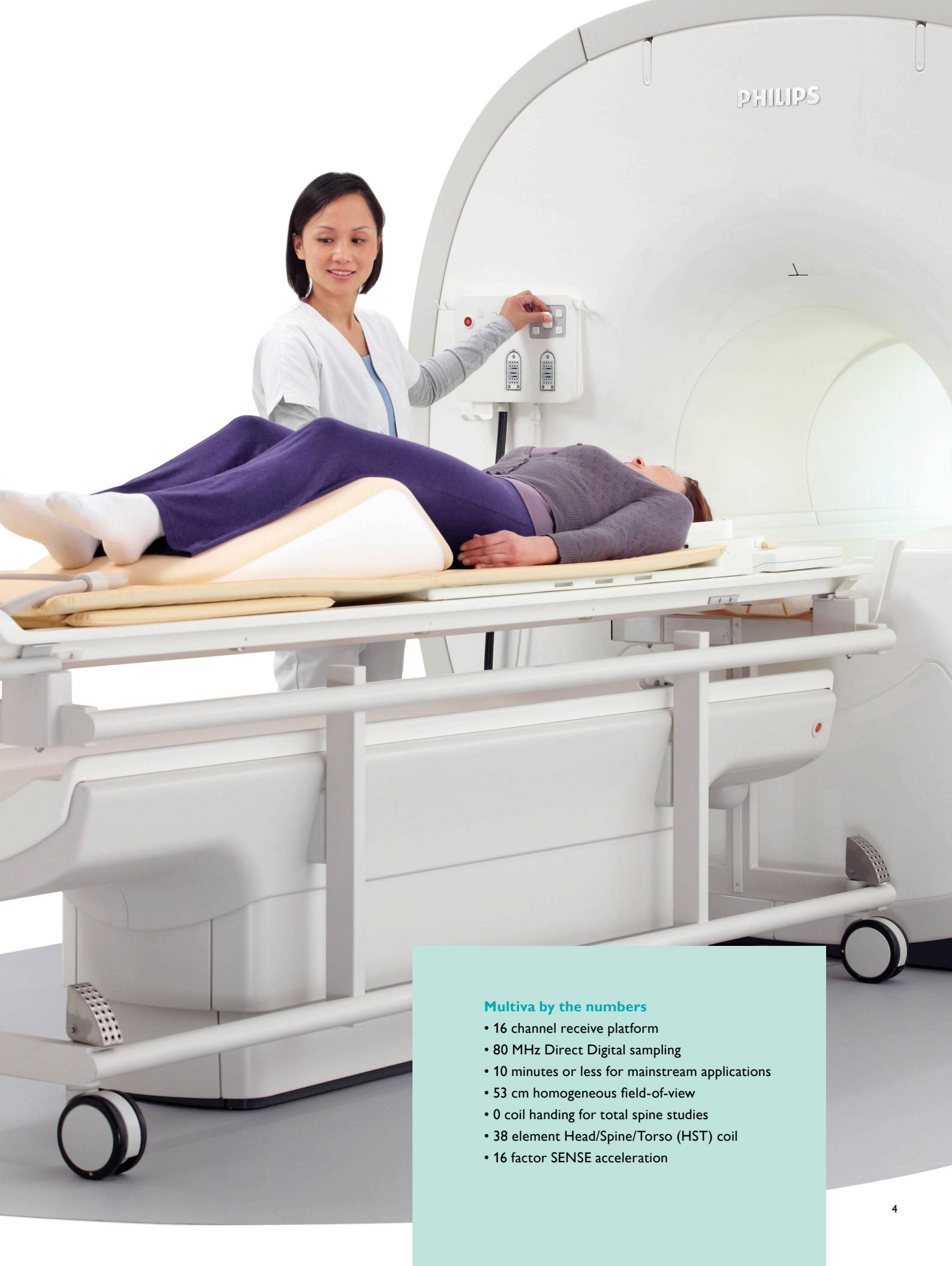
Multiva 1.5T meets your need for fast, high-quality routine MR imaging, while excelling in advanced clinical areas so that you can tap new opportunities and expand your referral base.

Multiva delivers:

- High quality routine imaging in as little as 10 minutes
- Advanced clinical applications, including whole body, oncology and breast imaging
- Up to 40% reduction in patient/coil set up time with new FlexStream workflow
- Affordability – today and for the life of your system

Proven technology, top performance

With Multiva you benefit from Philips innovative and proven technology - from both the Ingenia and Achieva systems - that is acclaimed for its speed, clinical competence and robust reliability. And now we've added innovations designed specifically for busy departments expecting high performance levels that help you offer your patients efficient service and confident diagnoses.



Multiva by the numbers

- 16 channel receive platform
- 80 MHz Direct Digital sampling
- 10 minutes or less for mainstream applications
- 53 cm homogeneous field-of-view
- 0 coil handing for total spine studies
- 38 element Head/Spine/Torso (HST) coil
- 16 factor SENSE acceleration

High productivity

By combining ease-of-use with features that make exams faster, Multiva delivers outstanding throughput to address ever-growing patient volumes and pressure on reimbursements.

Head, spine, musculoskeletal and body imaging makes up about 85% of exams in a typical MR department. Multiva enables many of these exams to be completed in just 10 minutes, so you can scan more patients per day.

SENSE high speed imaging

SENSE, Philips revolutionary parallel imaging technique, continues to lead the industry with high acceleration factors. With Multiva and SENSE, you can image up to 16 times faster than conventional imaging.

FlexStream workflow: up to 40% reduction in patient/coil set up time

FlexStream workflow enables 100% of total spine studies to be performed without additional coil handling and 100% of head, body, musculoskeletal, and neurovascular studies with a single ultra-lightweight anterior coil or the 8-channel SENSE MSK coil.

SmartAssist for ease and efficiency

SmartAssist – the next generation of Philips powerful combination of SmartExam and ExamCards – can halve the number of repetitive tasks for greater efficiency. It includes:

- **SmartSelect**: Automatically determines which coils and elements should be activated for maximum SNR in the region of interest
- **SmartExam**: Available for brain, spine, shoulder, knee, and breast imaging, positions slices on the target anatomy, reducing operator input to as little as a single mouse click
- **SmartLine**: Performs smart background processing (such as volume view, diffusion, perfusion etc.,) of multiple image datasets in parallel with image acquisition

Patient comfort for enhanced productivity

- Large Neurovascular coil for patient comfort with room for headphones, even with the top on
- Open-faced spine imaging with top-off operation

16-channel Head/Spine coil for brain, spine and neurovascular studies.

Ultra-light Anterior Torso coil with large coverage combines with the posterior coil for body imaging.

Improved speed & workflow in MSK exams with 8-channel MSK coils.

Head/Spine coil allows positioning of headphones even with the Neurovascular Top coil in place.

FlexCaddy stores a variety of coils and auxiliaries for easy access.

Dockable patient trolley simplifies patient preparation and workflow.

Rich in clinical applicati

Multiva meets the needs of the ambitious imaging provider, enabling you to grow your referral base for mainstream imaging while also offering advanced and emerging applications.

Multiva's fundamental strength is its powerful platform that enables broad clinical coverage.

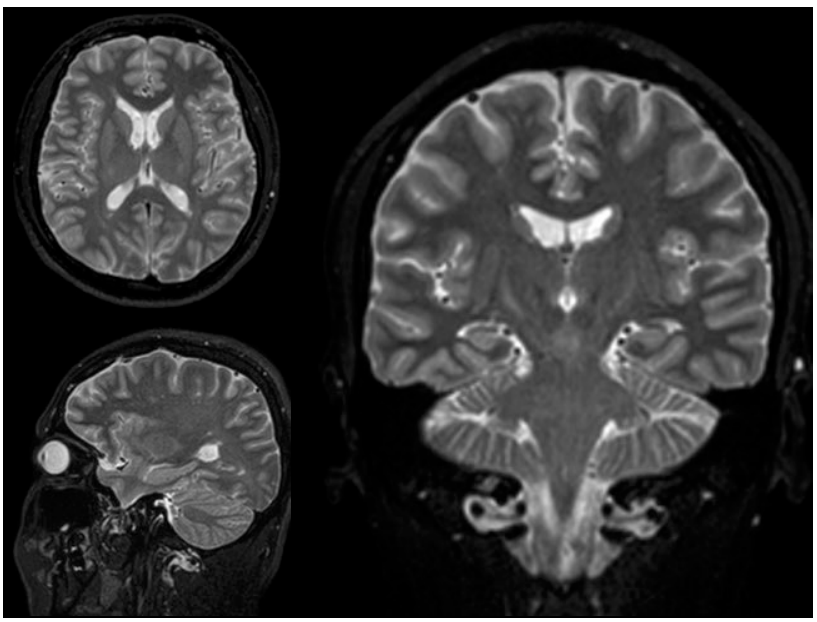
- 53 cm homogeneous imaging volume for large coverage
- Powerful Galaxy gradient performance
- 16 channel RF receive platform and high channel/element count coils
- Direct Digital Sampling RF receiver with digital demodulation for high SNR
- Powerful 18 kW RF transmit system
- A wide range of high channel count dedicated coils for even higher SNR and resolution

Together, these features enable large coverage with high quality fat-suppression, fast imaging, short breath-holds, and high resolution.

Clinical breadth

Multiva is a clinically-rich system covering a broad range of applications and methods, including spectroscopy, diffusion tensor imaging, fiber tractography as well as advanced cardiac, breast and whole-body imaging.

Our clinical applications are packaged with real-world requirements in mind, enabling you to deliver excellence in all applications, both mainstream and advanced. You can conduct studies with confidence, knowing that every image will reflect Philips outstanding image quality.



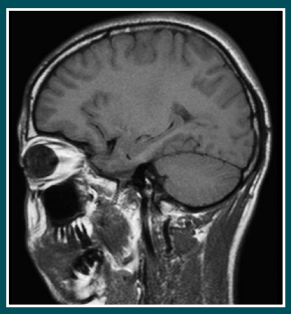
Brainview T2 TSE with sagittal source, coronal and axial reformatted images

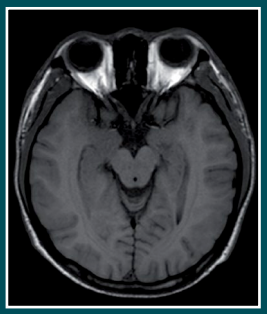
Navigator triggered bTFE with SPIR fat suppression

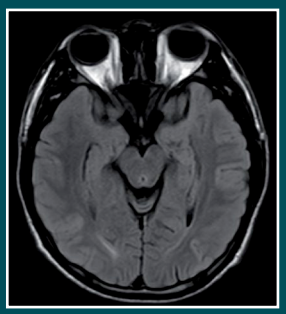
ons

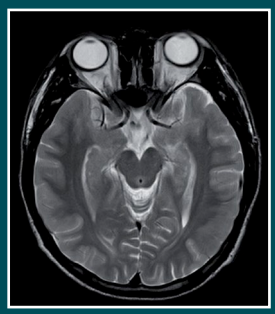
Look what you can do in just 10 minutes

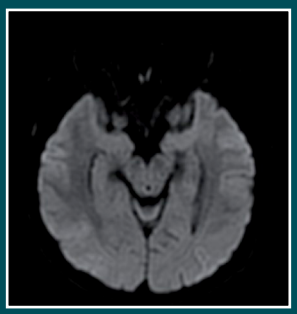
10 minute brain study


T1W SE

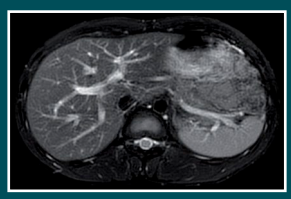

T1W

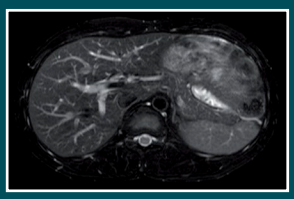

FLAIR


T2W


DWI

10 minute body study


T2 Fat Sat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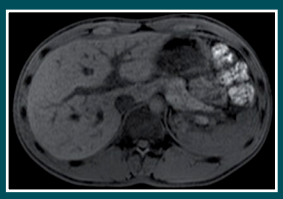
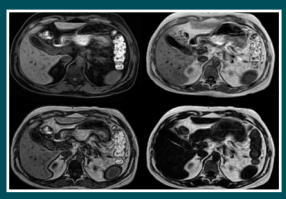
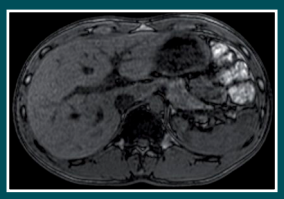
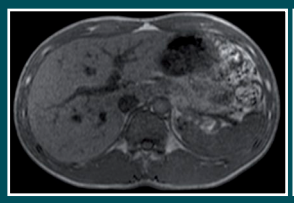
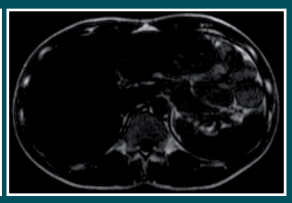
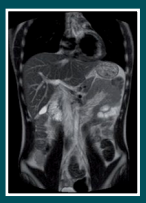

mDIXON - Water Only

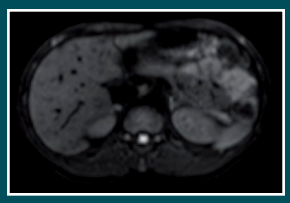

mDIXON - All 4 Contrasts


mDIXON - Out Phase


mDIXON - In Phase

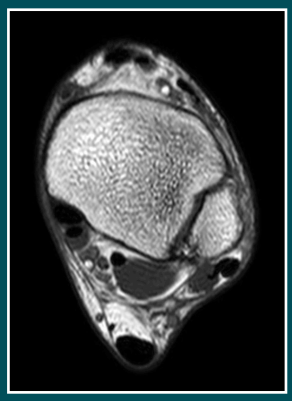

mDIXON - Fat Only

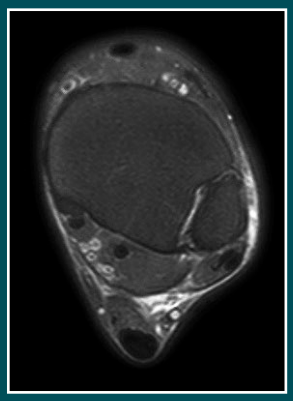

T2 Coronal


DWIBS

10 minute MSK study

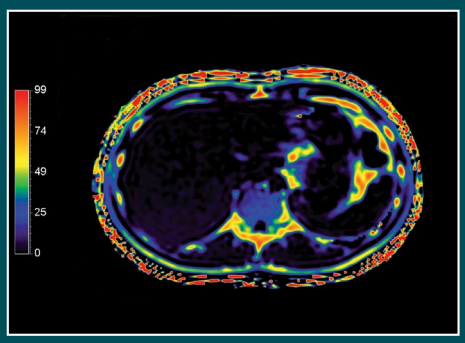
PDW aTSE


T1 aTSE


T2W with SPAIR fat suppression

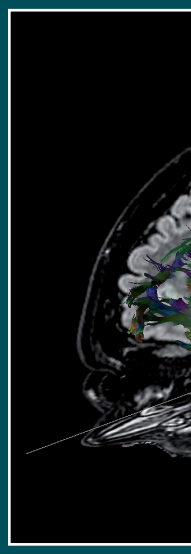
mFFE

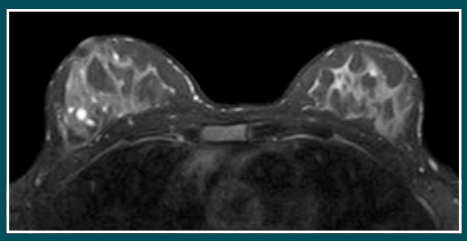
Going beyond routine



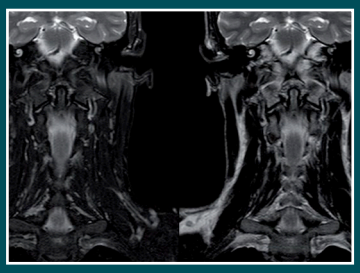
mDIXON Body Fat Quant Specialist

Non Contrast Renal Angio

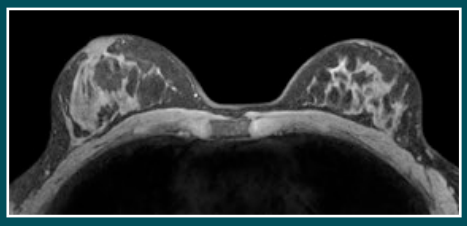




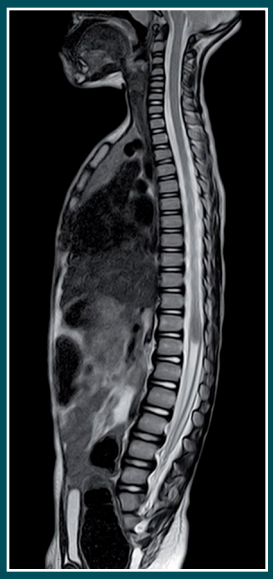
T2 SPAIR



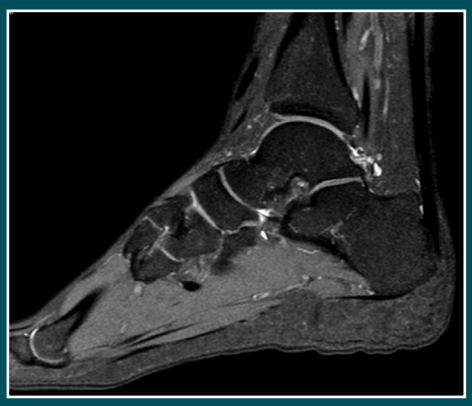
mDIXON TSE Specialist



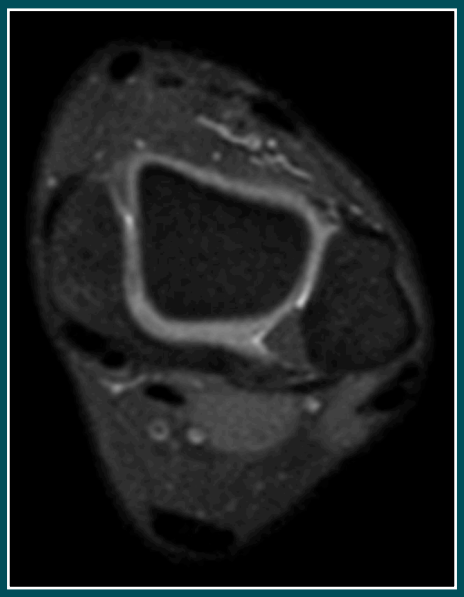
e-THRIVE



Whole Spine Imaging



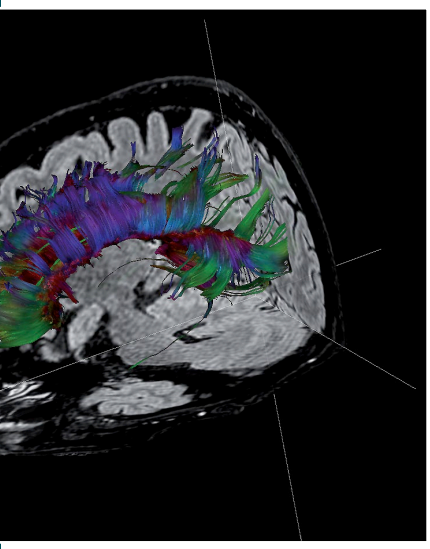
MSK View - Sagittal Scans



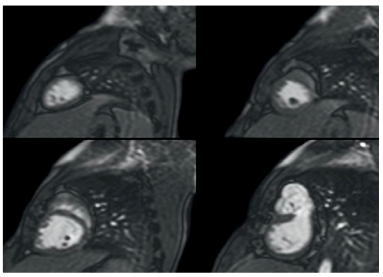
Axial reformats

Coronal reformats

examinations....

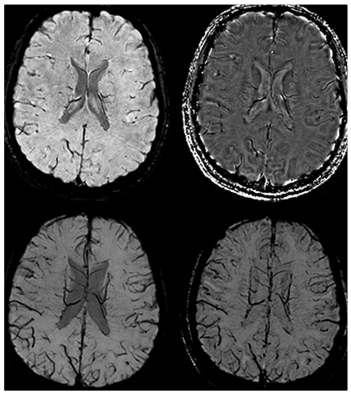


Fibertrak Specialist

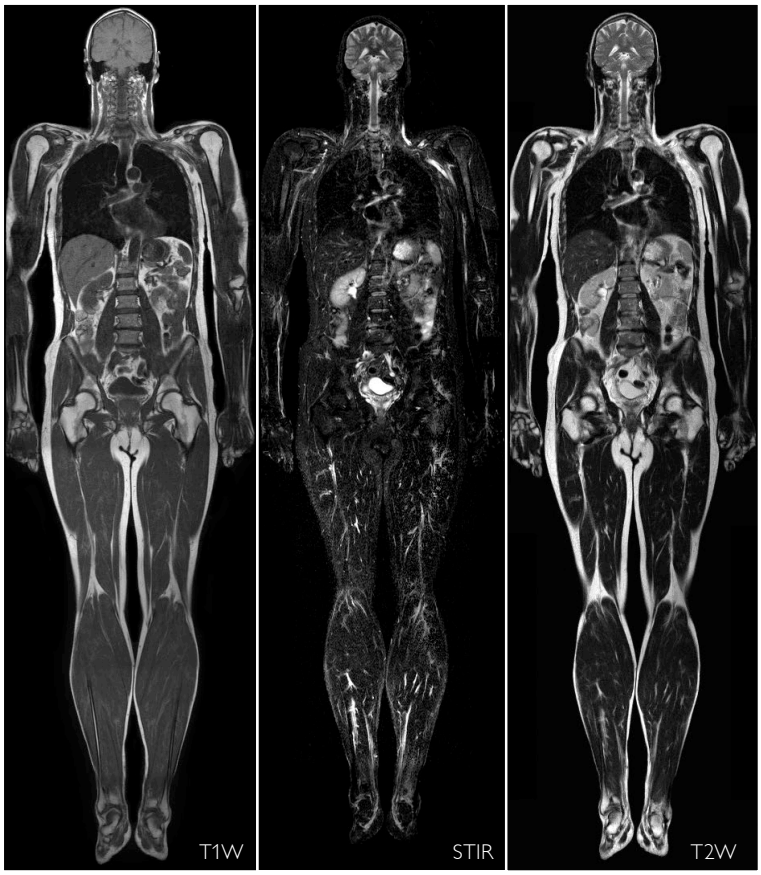


Cardiac Perfusion

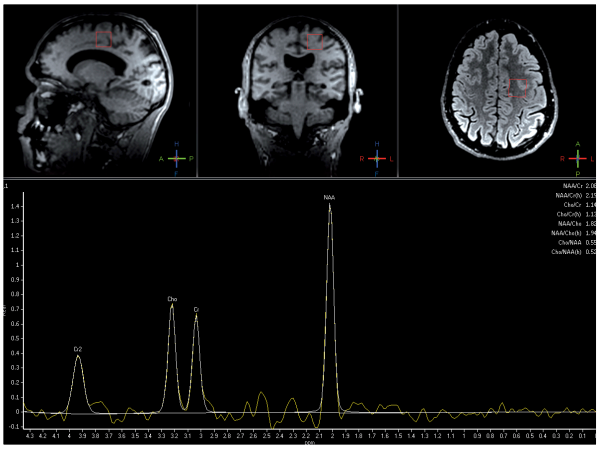
SWI Specialist



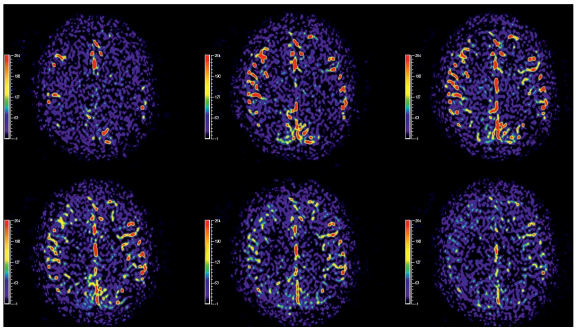
Contrast Enhanced-MRA



Whole Body Specialist



Spectroscopy Specialist



ASL Neuro Specialist

Transform

Enhance

Optimize

Philips SmartPath

Your Philips imaging system is designed to be reliable and efficient. Ensuring that it remains so from day one, is our commitment to you. Philips SmartPath is a way to give you easy access to the latest updates, upgrades and innovations throughout the cycle of product ownership.

By maintaining your equipment at peak performance, you can realize your full clinical and operational potential and be ready to quickly benefit from next-generation solutions. From small enhancements to major system conversions, we help you maximize your investment, for success today and into the future.

Helping you prosper in a competitive environment

By starting with proven technology, then adding innovations that enhance productivity, ensure high image quality, and enable users to offer both mainstream and advanced applications, Multiva is a sound economic choice. Its value is heightened by easy siting, power-saving features and service and education that help users maximize their system utilization.

Control your costs

Philips helps you control your costs with:

- Compact Siting, which enables installation in an average of under 10 days, getting your MR system in operation quickly and economically
- PowerSave technology, which reduces power consumption and costs
- Low siting costs, thanks to the system's lightweight design and small fringe field footprint

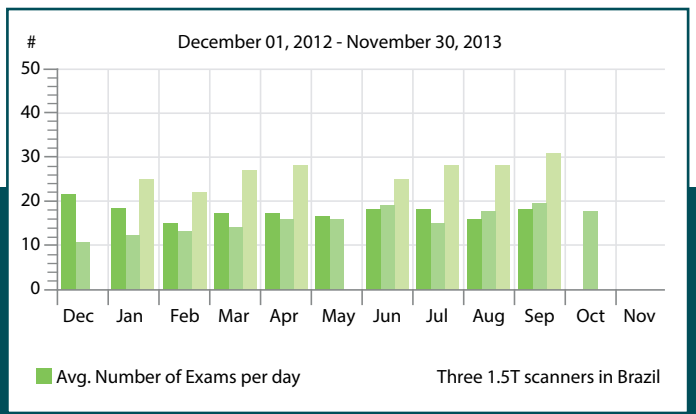
Continuing support

With Multiva you can have the MR scanner you want – backed by Philips host of services that help you maximize your investment:

- An array of virtual, off-site, and on-site training options that enable you to begin working with more than a beginner's knowledge of your system
- Remote monitoring, to detect and solve issues before they affect performance
- A global network of skilled service personnel and worldwide spare parts availability that helps maintain high uptime
- The NetForum Community, an online platform where professionals can share and learn through experience, optimize their systems' performance and download tools to enhance their clinical capabilities
- Philips Utilization Services, intuitive reports with detailed analysis of scanner utilization data, helping deliver scanning efficiency, benchmarking and target areas for growth

Some of the features described in this brochure may be optional in your country. Please contact your local Philips representative for more details about the Multiva MR system.

Improving scanner utilization can make a big difference to the bottom line. But you cannot improve what you cannot measure. Connecting to Philips Utilization Services provides you with actionable insights into your department's operations and workflow. You will be able to view daily, intuitive reports with detailed analysis of scanner data, including examination lengths, types and intervals. This data can help deliver scanning efficiency, benchmark services against similar organizations, and target areas for growth.



Philips Healthcare is part of Royal Philips
How to reach us: www.philips.com/healthcare • healthcare@philips.com
Asia: +49 7031 463 2254 • Europe, Middle East, Africa: +49 7031 463 2254
Latin America: +55 11 2125 0744 • North America: +1 425 487 7000 or 800 285 5585 (toll free, US only)

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