



THE
IMAGING
SOLUTIONS COMPANY



FUJIFILM
Value from Innovation

MRI



VELOCITY
ADVANTAGES OF TRUE OPEN MRI

High Performance, High Field Open MRI



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VELOCITY
OASIS

MRI THAT OPENS A WORLD OF POSSIBILITIES

Physicians want high image quality. Technologists want speed and simplicity. Patients want to feel at ease. Get all this and more with Velocity.

Featuring the only open architecture high field MRI system, Velocity's patient-centric design delivers outstanding operator convenience and excellent diagnostic performance. Its high field power is ideal for a wide range of imaging applications.

Velocity is a system that satisfies everyone.





VELOCITY
Class

CAUTION
RADIATION
EMITTED
DURING
SCANNING

No one wants to have an MRI. But when you have to have one, let's make it as pleasant as possible. Velocity's open-sided design and fast exams maximize patient comfort. More patient-pleasing benefits further complement this unique experience.

Velocity Advantages

- Integrated lighting illuminates the patient area
- Wide table provides comfortable positioning
- SoftSound™ gradient technology reduces acoustic noise
- Constant two-way communication system provides reassurance
- Motion-compensated RADAR translates into excellent diagnostic sequences even with difficult patients
- Custom pads provide comfort and stability during scans



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KINDNESS MEETS TECHNOLOGY

Bariatric patients face enough struggles in their daily lives. Undergoing a diagnostic imaging procedure should not be one of them. Velocity uses its high weight capacity, wide and comfortable patient table, and unlimited lateral opening to deliver comfortable, high-quality MRI exams to patients of size.

Velocity Advantages

- Industry-best table capacity of 660lb (300kg) accommodates diverse patient population
- Wide patient table of 32in (82cm) places anatomy comfortably at iso-center for optimal SNR
- 3-axis motorized lateral table movement provides convenience
- Table lowers to 20in (51cm) for easy accessibility
- Sensitive multichannel RF coil technology adjusts to all patients



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CLEAR 1654 0

RECALL

RECALL

STOP

SCAN

START

PAUSE

ABORT

注意 CAUTION

危険な場所に入らないようにしてください。 (Do not enter dangerous areas.)

危険な場所に入らないようにしてください。 (Do not enter dangerous areas.)



COMFORT FROM A CHILD'S PERSPECTIVE

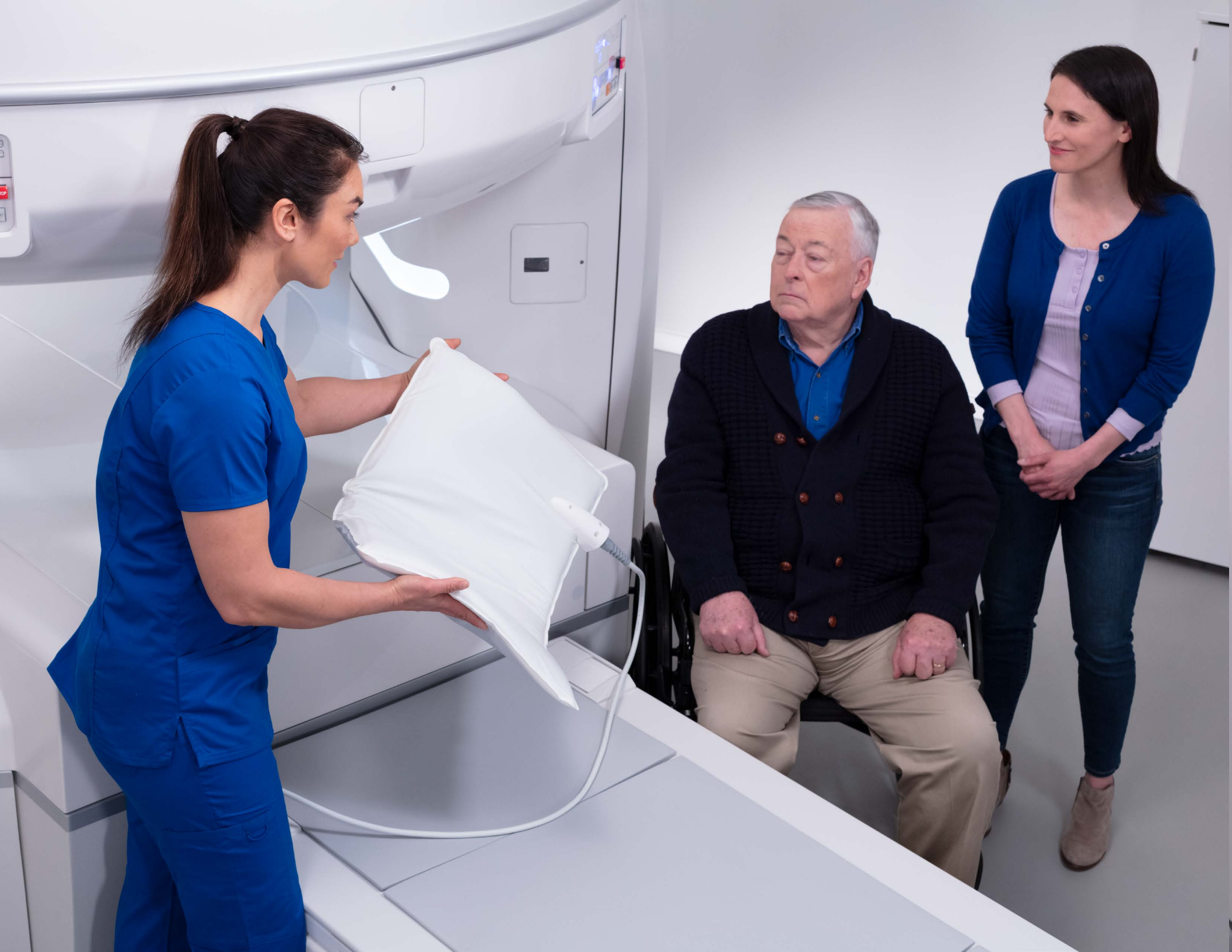
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Most kids who walk into your facility are unnerved by the big loud machine and the unfamiliar process of being scanned. The experience can be intimidating and frightening to even the bravest of children. That's what makes Velocity so ideal for young patients. Its open architecture allows caregivers to be by their side the entire time.

Velocity Advantages

- Motion compensation technology reduces need for repeat scans
- Fast scanning and iterative processing techniques keep study time to a minimum
- Halo coil delivers quality imaging and an all-around view
- SoftSound gradient technology reduces acoustic noise





IDEAL FOR THE INFIRM

Many senior patients have physical and mental limitations that can make a closed MRI exam a challenge. Velocity eradicates these obstacles. The adjustable table allows them to get on and off with ease. And because it can move laterally as well, your patients can be positioned perfectly without having to maintain awkward and uncomfortable positions.

Velocity Advantages

- Table lowers to 20in (51cm) for easy accessibility
- In-bore lateral movement simplifies iso-center positioning for all extremities
- Motion-compensated RADAR translates into excellent diagnostic sequences even with difficult patients
- SoftSound gradient technology reduces acoustic noise
- Novel blanket coils allow for quick positioning



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GO FASTER FOR YOUR PATIENTS

High field resolution and stellar diagnostic performance raises the bar on image quality. Standard IP-RAPID technology combines parallel imaging, sparse sampling, and iterative processing to reduce exam time and boost resolution.

Blanket coils and workflow engineered integrated coil technology expedite the imaging process. Patient positioning is a snap. And the streamlined user interface and automatic integrated coil element selection enable technologists to quickly maximize patient throughput.

Velocity Advantages

- 3-axis motorized lateral table movement provides convenience
- Sensitive multi-channel RF coil technology adjusts to all patients
- IP-RAPID iterative processing and sparse sampling reduce scan time





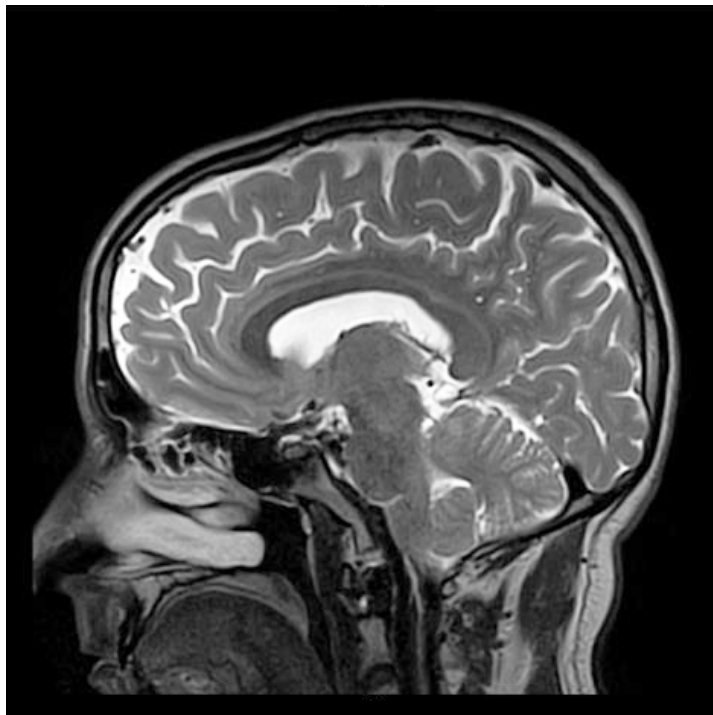
MANAGE THE DEMANDING STUDIES

With features including its laterally-moving table that allows for easy iso-center positioning every time, Velocity is well suited for breast and musculoskeletal exams.

Velocity Advantages

- Breast coil's high resolution imaging promotes diagnoses and interventions
- Unique lateral table movement puts extremities at patient's side with excellent fat suppression
- Fast dynamic (TIGRE) high resolution sequence delivers 3D fat saturated bilateral coverage
- Higher Order Active Shimming (HOAST) and regional shimming deliver optimal RF fat saturation





T2 isoFSE



VASC-ASL non-contrast



3D TOF



RADAR T2 opFSE

SEEING IS BELIEVING

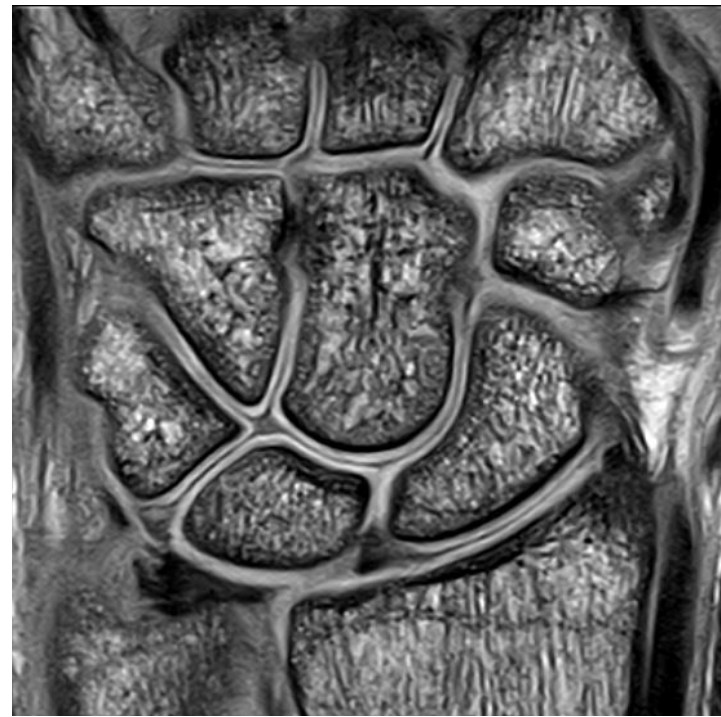
Image quality counts. And we made it our mission to deliver the the scan time and image resolution you need in the patient-friendly design you want. Velocity delivers outstanding images, short exam times, and ease of use benefits. Its robust clinical capability means it will be a versatile workhorse in your facility for years to come.

Technology to conform to the human condition. For all your patients.

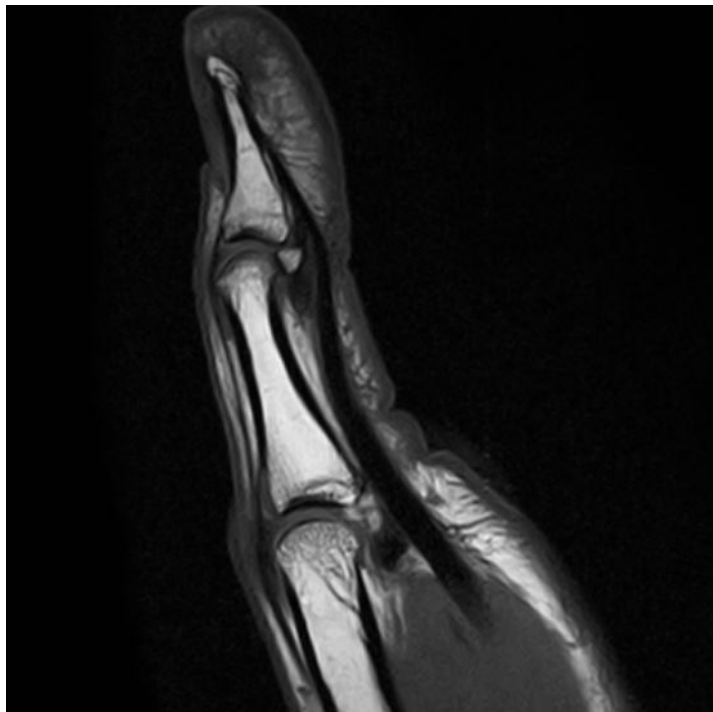




3D T1 RSSG Fat Sat



ADAGE 6CM FOV



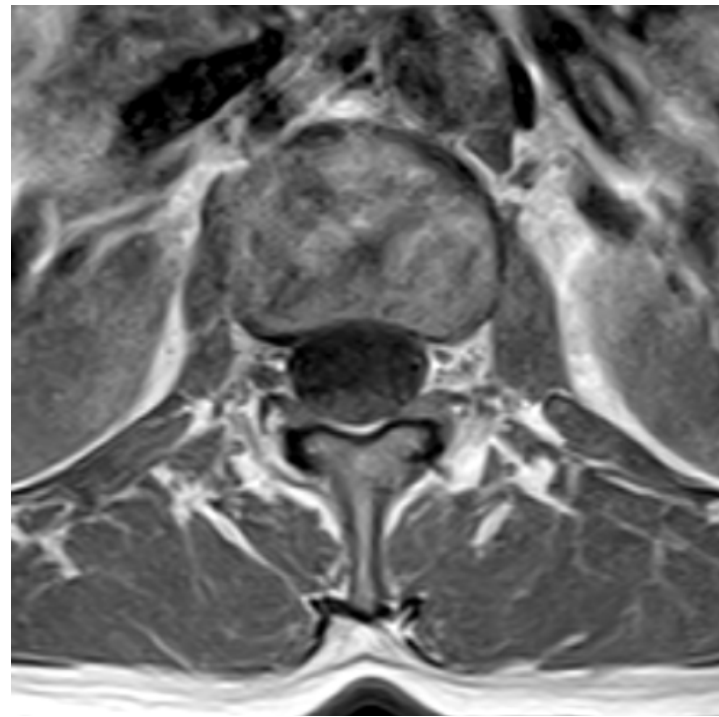
T1 SE



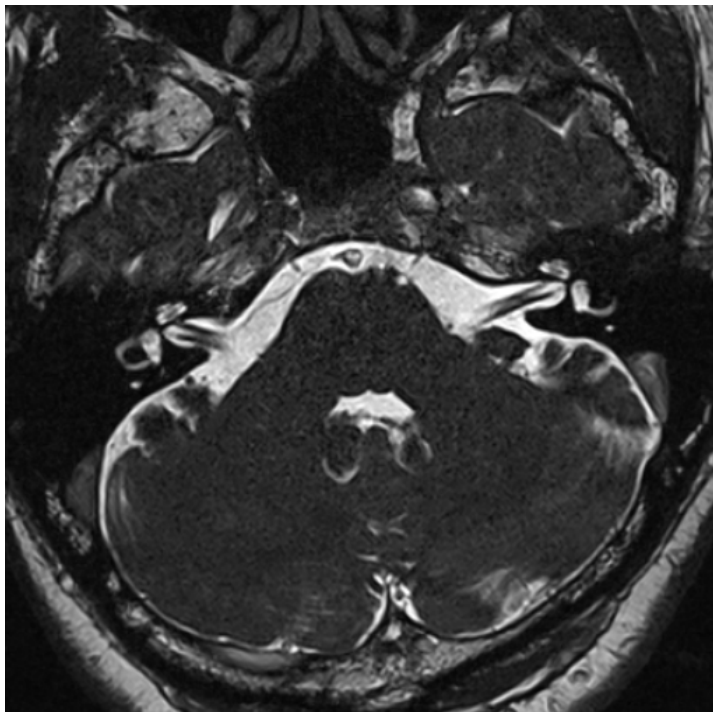
PD FSE



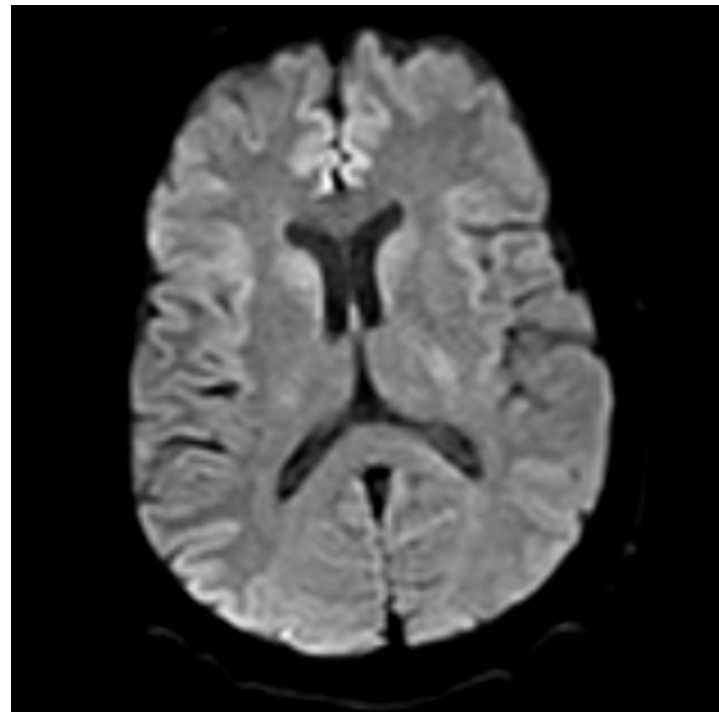
T2 opFSE



T1 FSE



3D PDSG



SS-DWI b1000



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VELOCITY
ONE

OASIS VELOCITY MRI SYSTEM TRANSFORM UPGRADE



Transform your current Oasis to the world's most powerful and advanced high field open MRI scanner — the Oasis Velocity from Fujifilm Healthcare Americas.

The Oasis to Velocity transformation shatters expectations of high field open MRI. Unmatched open sided geometry and integrated RF coil technology bring unique patient comfort benefits, excellent image quality and high throughput.

Upgrading to Oasis Velocity delivers a new MRI experience built on Oasis' leading patient comfort and capacity features while adding new RF architecture, workstation, image processing capability and more. You can do this in your existing space without a costly remodel or construction.

The Oasis Velocity Upgrade enables you to:

- Retain your proven 1.2T vertical field magnet and HOAST active shimming benefits.
- Maintain the Open MR advantage to accommodate the most challenging patients with the comfort features you are accustomed to with Oasis.
- Enjoy a new imaging platform's potential for faster workflow, enhanced image quality, and increased throughput
- Experience IP-RAPID - a cutting-edge high-speed imaging technology combining under-sampling and iterative processing methods, reducing scan time and maintaining image quality. Selectable with wide varieties of 2D sequences and select 3D sequences and can be applied to a wide range of anatomical regions including neuro, body, and orthopedic.

SEE HOW OASIS VELOCITY

BRAIN	Oasis				Velocity				Spatial Resolution	Time Reduction
	Sequence	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix		
Sag T1 FLAIR	220	5	320 x 256	3:43	230	5	320 x 256	2:09	Equivalent	40%
Axial T2 FSE	220	5	512 x 320	3:07	220	5	512 x 320	1:19	Equivalent	
Axial T2 FLAIR	220	5	256 x 256	3:34	220	5	288 x 256	2:30	Higher	
Axial DWI	255	5	128 x 128	1:09	240	5	128 x 128	1:01	Equivalent	
Total Study Time	11:33				6:59					

CERVICAL SPINE	Oasis				Velocity				Spatial Resolution	Time Reduction
	Sequence	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix		
Sag T2 FSE	240	3	384 x 288	3:23	240	3	384 x 288	1:57	Equivalent	42%
Sag T1 FLAIR	240	3	256 x 256	3:35	240	3	256 x 256	2:08	Equivalent	
Sag T2 FSE FatSat	240	3	320 x 224	4:39	240	3	320 x 256	2:07	Higher	
Axial T2 FSE	200	3	256 x 224	4:12	200	3	256 x 224	2:58	Equivalent	
Total Study Time	15:49				9:10					

LUMBAR SPINE	Oasis				Velocity				Spatial Resolution	Time Reduction
	Sequence	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix		
Sag T2 FSE	280	4	320 x 288	3:21	280	4	320 x 320	1:58	Higher	41%
Sag STIR	280	4	320 x 192	3:49	280	4	320 x 224	2:01	Higher	
Sag T1 FSE	280	4	320 x 288	3:48	280	4	320 x 288	2:11	Equivalent	
Axial T2 FSE	200	4	256 x 192	3:58	200	4	288 x 192	2:32	Higher	
Cor T2 FSE	280	4	320 x 256	2:57	280	4	320 x 256	1:52	Equivalent	
Total Study Time	17:53				10:34					

Velocity's RF coil technology and IP-RAPID 2D accelerated imaging drive reduced scan times and increased spatial resolution flexibility

CAN IMPROVE YOUR THROUGHPUT AND IMAGE QUALITY

SHOULDER	Oasis				Velocity				Spatial Resolution	Time Reduction
	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix	Scan Time		
Sag T2 FSE	150	3.5	288 x 256	4:21	150	3.5	288 x 256	2:00	Equivalent	34%
Axial PD FSE FatSat	160	4	288 x 224	3:33	160	4	288 x 224	2:41	Equivalent	
Cor T2 FSE FatSat	150	3.5	256 x 192	4:21	150	3.5	320 x 224	3:16	Higher	
Cor T1 FSE	150	3.5	288 x 256	3:36	150	3.5	320 x 256	2:22	Higher	
Axial T1 FSE FatSat	160	4	288 x 224	3:56	160	4	320 x 224	2:37	Higher	
Axial T2* GE (In Phase)	160	4	288 x 192	3:33	160	4	320 x 192	2:21	Higher	
Total Study Time	23:20				15:17					

KNEE	Oasis				Velocity				Spatial Resolution	Time Reduction
	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix	Scan Time		
Axial PD FSE FatSat	160	4	288 x 224	3:55	150	4	320 x 256	2:14	Higher	42%
Sag PD FSE	150	3	320 x 320	3:55	150	3	384 x 320	2:04	Higher	
Sag T2 FSE	150	3	320 x 320	2:56	150	3	384 x 384	2:03	Higher	
Cor PD FSE FatSat	150	3	256 x 256	3:47	150	3	320 x 256	2:28	Higher	
Cor T1 FSE	150	3	256 x 256	3:49	150	3	320 x 288	1:51	Higher	
Total Study Time	18:22				10:40					

ANKLE	Oasis				Velocity				Spatial Resolution	Time Reduction
	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix	Scan Time		
Axial T1 FSE	150	4	256 x 256	3:04	150	4	256 x 256	2:04	Equivalent	30%
Axial T2 FSE FatSat	150	4	288 x 192	4:03	150	4	288 x 192	2:47	Equivalent	
Sag T2 FSE FatSat	150	3	224 x 192	3:53	150	3	256 x 192	2:42	Higher	
Cor T2 FSE FatSat	150	4	288 x 192	3:46	150	4	288 x 192	2:37	Equivalent	
Axial T1 FSE FatSat	150	4	256 x 192	4:12	150	4	256 x 192	2:58	Equivalent	
Total Study Time	18:58				13:08					

HIPS	Oasis				Velocity				Spatial Resolution	Time Reduction
	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix	Scan Time		
Bilateral Cor T1 FSE	360	4	384 x 256	3:28	360	4	384 x 256	2:35	Equivalent	29%
Bilateral Cor STIR	360	4	320 x 224	3:46	360	4	320 x 256	3:19	Higher	
Unil Axial PD FSE FatSat	200	4.5	256 x 192	4:47	180	4	256 x 192	3:03	Higher	
Uni. Sag PD FSE	200	4.5	256 x 200	4:00	180	4	288 x 224	2:27	Higher	
Uni. Cor PD FSE	200	4	320 x 192	3:48	180	4	320 x 192	2:44	Higher	
Uni. Axial T1 RSSG FatSep	200	4.5	224 x 192	4:30	180	4	224 x 192	3:01	Higher	
Total Study Time	24:19				17:09					



High Performance, High Field Open MRI



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