Oasis Velocity can improve your throughput and image quality

BRAIN	Oasis				Velocity				Spatial Resolution	Time Reduction
Sequence	FOV	Sl.Thickness	Matrix	Scan Time	FOV	Sl.Thickness	Matrix	Scan Time		
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	Scan Time		
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	Scan Time		
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					

SHOULDER	Oasis				Velocity				Spatial Resolution	Time Reduction
Sequence	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
Sequence	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
Sequence	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
Sequence	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					

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