		Call	access patier	nt's Mediport for contras	autorities autori	via nanu injeci		
Division	Title	IV Contrast Name	IV Saline Chase (mL)	Contrast Volume (ml)	Rate of Injection (ml/sec)	Injection Method	IV Access & Contrast Injection	Notes
Body MR	Abdominal MRV	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Adrenal	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Chest/Abd/Pelvis/MRS Gd	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Combined Abdomen and Pelvis	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Combined Abdomen and Rectal Mass	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic Abdomen BH	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic Abdomen non BH	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic MRCP	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic PELVIS	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic Prostate Cardiac-Endo	Gadavist	20	0.1 ml/Kg (Weight Based)	3	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	See Protocol for additional medications to administer
Body MR	Dynamic Prostate Cardiac-Only	Gadavist	20	0.1 ml/Kg (Weight Based)	3	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	See Protocol for additional medications to administer
Body MR	Dynamic Renal Mass	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Dynamic Secretin MRCP	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	See Protocol for additional medications to administer
Body MR	MR Enterography	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	See Protocol for additional medications to administer
Body MR	Eovist Abdomen & Pelvis	Eovist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Eovist Abdomen & Rectal Mass	Eovist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Eovist Liver BH	Eovist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Eovist MRCP	Eovist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	Fibular Flap	ABLAVAR	20	0.12 ml/Kg	1.2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Body MR	GYNOnc	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	

		Can	access pane					
Body MR	Liver Iron Dynamic Abdomen BH	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g	
JOUY IVIN		Gauavist	20	0.1 minkg (weight based)	2	Fower	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Mediastinal Mass	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
		Gauavist	20	0.1 minkg (weight based)	2	rower	needle and/or hand or forearm vein	
				-			Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Mesentric Artery	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
JOUY IVIK	Mesellinic Artery	ABLAVAK	20	0.12 mi/kg (weight Based)	1.2	Power	needle and/or hand or forearm vein	
				-		1		
0	D.4 h	Cardaviat	20		2	D	Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Mesh	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
		o. I	20				Start IV line using 22g needle in antecubital fossa or larger	See Protocol for additional
Body MR	MR Urogram Gd	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	medications to administer
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	MRV Chest-Neck	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
						_	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Non-Contrast Secretin MRCP	None				Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
						1	Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Onc Abdomen Pelvis	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Pelvic Congestion Gd	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Pelvic MRA/MRV	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Pelvis AVM	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Perianal Fistula	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
,ou, init	r enanar i beala	ouddrise	20	or my ng (weight based)	-	· one:	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Peritoneum (1.5T Only)	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	See Protocol for additional
,ou, init		ouddrise	20	or my ng (weight based)	-	· one:	needle and/or hand or forearm vein	medications to administer
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Renal MRA Gd	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
Jody Will			20	0.12 minkg (weight based)	1.2	rower	needle and/or hand or forearm vein	
				+		1	Start IV line using 22g needle in antecubital fossa or larger	1
Rody MP	SMA Gd	ABLAVAR	20	0 12 ml/Kg (Micight Decod)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
Body MR	SIVIA GU	ADLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	needle and/or hand or forearm vein	
				+				1
Dody MD	THORACIC AORTA Gd	ABLAVAR	20	0.12 ml/Kg (Moight Doc - 1)	1.2	Power	Start IV line using 22g needle in antecubital fossa or larger	
Body MR	THURACIC AURTA GU	ADLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	rower	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
	The second couplest AADA (AAD) (20	0.12	4.2		Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Thoracic Outlet MRA/MRV	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
			_				Start IV line using 22g needle in antecubital fossa or larger	
Body MR	Total Aorta Vasculitis Gd	ABLAVAR	20	0.12 ml/Kg (Weight Based)	1.2	Power	vein. If unable to obtain access, then attempt with 24g	
				Į			needle and/or hand or forearm vein	
·		1				1	Start IV line using 22g needle in antecubital fossa or larger	
			20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
Body MR	Urethra Gd	Gadavist	20	0.1 min kg (Weight Buseu)				
3ody MR	Urethra Gd	Gadavist	20	o.i ming (weight bused)			needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Body MR Cardiothoracic	Urethra Gd Cardiac Amyloid	Gadavist Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g	Inject Double Dose Gadavist
					2	Power	Start IV line using 22g needle in antecubital fossa or larger	Inject Double Dose Gadavist
					2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g	Inject Double Dose Gadavist
Cardiothoracic					2	Power Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Inject Double Dose Gadavist Inject Double Dose Gadavist

				-		-		
Cardiothoracic	Pericarditis Gd	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g	Inject Double Dose Gadavist
cardiotrioracic		Gauavist	20	0.1 m/kg (weight based)	2	rower	needle and/or hand or forearm vein	inject Double Dose Gadavist
							Start IV line using 22g needle in antecubital fossa or larger	
Cardiothoracic	Sarcoidosis Gd	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	Inject Double Dose Gadavist
Cardiothoracic	Sarcoluosis Gu	Gauavist	20	0.1 mi/kg (weight based)	2	Power		Inject Double Dose Gadavist
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Cardiothoracic	Standard Cardiac with Contrast	Gadavist	20	0.1 ml/Kg (Weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	Inject Double Dose Gadavist
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(27 C) Bolus C.O.W.	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(38 CT2) Brain Lab with Contrast plus T2	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(38 C) Brain Lab with Contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(2 MM) Brain Meningioma METS	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
	()				_		needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(17 CS + 27) Carotico Cavernous Fistula	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
Neuro		Gadavist	10	0.1 m/ kg (weight based)	2	nanu	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Nouro	(17 CE) Covernous Sinus	Gadavist	10	0.1 ml/Kg (weight Deced)	2	Hand		
Neuro	(17 CS) Cavernous Sinus	Gauavist	10	0.1 ml/Kg (weight Based)	2	папи	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(6 SF) Cervical Spine with contrast + FS on Posts	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(6 S) Cervical Spine with contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
		Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(18 D) Cholesteatoma Middle Ear Mass						vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(2 G) Routine Contrast Brain	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(32 C) Contrast Brain Neurovascular	Gadavist	10	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
				, ,			needle and/or hand or forearm vein	
		1				1	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(13 D) Dynamic Pituitary Fossa/Chiasm	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
			20		1		needle and/or hand or forearm vein	
		1		1	1	1	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(12 C) Epilepsy + Contrast – 3T preferred	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
riculo	(12 c) chicksy i contrast - 51 preferred	Gudvist	10	o. I m/ Kg (weight based)	2	10.10	needle and/or hand or forearm vein	
				+	1	+		
Neuro	(2 DT) Clieme / Drain Turr	Cadavist	10	0.1 ml/Ka (wai-b+ B)	_	Lland	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(2 BT) Glioma / Brain Tumor	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
						-	needle and/or hand or forearm vein	
					_	L	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(18) IAC & Facial Nerve	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(18 C) IAC & Facial Nerve w/ Contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(27 VWC) Intracranial Vessel Wall	Gadavist	10	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
				,			needle and/or hand or forearm vein	
		1				1	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(4 SF) Lumbar Spine w/ contrast + fat sat	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
	, , ,		10	,	-		needle and/or hand or forearm vein	
		1		1	1	1	needle and/or hand or forearm vent	

Neuro	(4 S) Lumbar Spine with contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g	
Neuro	(4 5) Editibal Spine with contrast	Gauavist	10	0.1 m/ kg (weight based)	2	nanu	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
	(22 CT) MDA C and T Cain a	Co douist	20		2	Damage		
Neuro	(33 CT) MRA C and T-Spine	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(31 C) MRA Neck W/O&W	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(33 TL) MRA T and L-Spine	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(34 C) MRV Brain W/O&W	Gadavist	20	0.1 ml/Kg (weight Based)	2	Power	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(2 MS) MS Brain with Contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
incuro		ouddrise	10	on my ng (mengine based)	-	- land	needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Marina	(C MC) MC C Calas and as starts	Gadavist	10		2	Hand		
Neuro	(6 MS) MS C-Spine w/ contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	напо	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(7 MS) MS T-Spine w/ contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	- Durate and from a didition of
Neuro	(2 PD) Perfusion with Diamox	Gadavist	20	0.1 ml/Kg (weight Based)	4	Power	vein. If unable to obtain access, then attempt with 24g	e Protocol for additional
							needle and/or hand or forearm vein	edications to administer
						1	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(2 P) Perfusion	Gadavist	20	0.1 ml/Kg (weight Based)	4	Power	vein. If unable to obtain access, then attempt with 24g	
Neuro		Gauavist	20	0.1 m/ kg (weight based)	4	rower	needle and/or hand or forearm vein	
				1				
	(Start IV line using 22g needle in antecubital fossa or larger	
Neuro	13 C) Pituitary Fossa/Chiasm	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(37) Radiation Planning/Gamma Knife	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
	(27.C) De distis a Dispusine (Comment Valife with						Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(37 C) Radiation Planning/Gamma Knife with	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
	Contrast						needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(19 C) Routine Face	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
Neuro		Guduvist	10	0.1 mining (weight bused)	-	nana	needle and/or hand or forearm vein	
				1				
	(22) 2	o	10				Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(22) Routine Neck Mass	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(17 C) Routine Orbits	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(4 Sacrum) Sacrum with contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
	-						needle and/or hand or forearm vein	
		1		1	İ	t	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(39 C) SBRT SPINE with contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
uio		Saddvist	10	ora mining (weight based)	<u>_</u>		needle and/or hand or forearm vein	
		+		+		ł		
		Co douist	10		_	Line of	Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(8 CF) Screen Spine w/ contrast + FS on Posts	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
							needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(8 C) Screen Spine w/ contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
				1			needle and/or hand or forearm vein	
							Start IV line using 22g needle in antecubital fossa or larger	
Neuro	(19 SBC) Skull Base	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	vein. If unable to obtain access, then attempt with 24g	
			-				needle and/or hand or forearm vein	

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Neuro	(19 SM) Submandibular Glands	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Neuro	(7 SCF) T-Spine w/ contrast + FS on Posts	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Neuro	(7 SC) Thoracic Spine w/ contrast	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Neuro	(19 CTMJ) TMJ Bilateral W/O&W	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Neuro	(18 TN) Trigeminal Neuralgia	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Neuro	(19 V3) V3 Perineural Spread of Disease	Gadavist	10	0.1 ml/Kg (weight Based)	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
МЅК	Brachial Plexus - TOS - 1.5T	Gadavist	10	0.1 ml/Kg	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Elbow - 1.5T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
мѕк	Elbow - 1.5T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Elbow - 3T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	Elbow - 3T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Extremity - Arm, forearm, thigh, leg	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	MR Neurography - Face - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
МЅК	Femoral Anteversion-Tibial Torsion Lower extremity - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Finger, Thumb, Hand - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Finger, Thumb, Hand - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Foot - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Foot - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	HIP- Ortho - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	HIP - 1.5T- Metal	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.

IV Access Contrast Injection Instructions

Can access a patient's Powerport for contrast administration with the power injector using a Power Port needle.

Can access patient's Mediport for contrast administration via hand injection ONLY.

МЅК	HIP - 1.5T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	HIP - 1.5T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	HIP - 3T MR arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
MSK	Infection - Joint or Extremity (1.5T or 3T)	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	KNEE - 1.5T- Metal	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
МЅК	KNEE- MR Arthro - 1.5T	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
мѕк	KNEE- Ortho - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
МЅК	KNEE- 3T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
MSK	KNEE- Ortho - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Lumbosacral Plexus Pelvis - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Lumbosacral Plexus - 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	MR Neurography Extremity	Gadavist	10	0.1 ml/Kg	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Myositis, Muscle Strain, Muscle Infection Both thighs or legs - 3T or 1.5T	Gadavist	10	0.1 ml/Kg	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	MR Neurography- Neck - Occipital Nerve	Gadavist	10	0.1 ml/Kg	2	Hand	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Pediatrics MRI MSK Protocols	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	MSK Pelvis	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	MSK- Popliteal Entrap-Angio	ABLAVAR	10	0.1 ml/Kg	1.2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein Start IV line using 22g needle in antecubital fossa or larger	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Rheumatology C-Spine - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Rheumatology Lumbosacral	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Rheumatology Wrist - 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.

МЅК	Scapula, Pectoralis Major Tear	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
мѕк	Shoulder - 1.5T Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	Shoulder - 1.5T Metal	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Shoulder - 1.5T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Shoulder - 3T Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	Shoulder - 3T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 20g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 22g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	SI Joint, Sacrum, Coccyx	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 20g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 22g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Sternoclavicular Joint, Sternum, Chest - 3T or 1.5T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 20g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 22g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Tumor Joint or Extremity - 1.5T or 3T	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 20g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 22g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Wrist -1.5T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	Wrist -1.5T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
MSK	Wrist - 3T MR Arthrogram	Gadavist						Intraarticular contrast given by MD in fluoro (mixed as 1 mL Gadavist diluted in 100 mL saline)
МЅК	Wrist - 3T Ortho	Gadavist	10	0.1 ml/Kg	2	Infection = Hand Tumor = Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
Breast	Breast Biopsy	Gadavist	20	0.1 ml/Kg	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	
Breast	Breast Implant Rupture	Gadavist	20	0.1 ml/Kg	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
Breast	Diagnostic Breast with Silicone Implants	Gadavist	20	0.1 ml/Kg	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.
Breast	Routine Breast Screening Saline Implants	Gadavist	20	0.1 ml/Kg	2	Power	Start IV line using 22g needle in antecubital fossa or larger vein. If unable to obtain access, then attempt with 24g needle and/or hand or forearm vein	Radiologist entered protocol will state if IV contrast is to be given.