ABDOMINAL

parameter	SERIES 1	SERIES 2	SERIES 3	SERIES 4	SERIES 5	SERIES 6	SERIES 7	SERIES 8
CLINICAL INDICATIONS:				Liver,adrenals,renals, spleen, pancreas				
description	3-PLN LOC	IN/OUT AX	LAVA FLEX AX FS C+	T1 COR FS C+	T2 AX Propeller FS	Axial Diffusion	LAVA FLEX AX FS C+	Ax T1 FSPGR C+
entry	supine	supine	supine	supine	supine	supine	supine	Supine
position	Feet First	Feet First	Feet First	Feet First	Feet First	Feet First	Feet First	Feet First
coil	TORSO	TORSO	TORSO	TORSO	TORSO	TORSO	TORSO	TORSO
plane	3-PLN	AXIAL	AXIAL	CORONAL	AXIAL	AXIAL	AXIAL	AXIAL
pulse seq.	FGRE	SPGR	LAVA	SPGR	FRFSE-XL		LAVA	
im options		EDR, Asset	zip2 smart prep, MPh	EDR	Tailored RF, Fast Recovery, Accel		zip2	
PSD Name								
Te		dual echo		out-of-phase	140	Minimum		In Phase
TR		175		160				145
TI								
flip angle		80	12	80			12	80
ETL					22			
RBW			62	31	62.5	250	62	83.33
SATS			sp	FAT, S,I	FAT,S,I		sp	FAT
FOV	48	44	44	48	40		44	
slice thick	5	5	5	7	4	8	5	5
spacing	5	1	0	1	1	2	1	1
			38 locs					
F Phase	256	256	384	384	320	128	384	256
P Phase	128	256	192	128	192	128	192	192
NEX	1	1	1	1	2		1	1
Phase FOV	1	1	1	1	1	1	1	1
FREQ DIR		R/L	R/L	S/I	R/L	R/L	R/L	R/L
COVERAGE			3 passes	5 min delay			10 min delay	
contrast			Magnevist	Magnevist	Magnevist	Magnevist	Magnevist	Magnevist
comments:		Patient is to be NPO for 6 hours						

.

BOLUS TIMING

- For LAVA Flex, If you have ARC, please use this instead of ASSET and make sure your FOV is large enough to avoid ASSET artifact.
- If you have PURE, please use when available. If you don't have PURE, please try to SCIC images when possible. This evens out the signal.

Under "Bolus Timing" can you say under smart prep. ROI in descending Aorta just above level of liver.

Please add,
"For sites using fixed timing:
Use Auto breathing! It will make your life easier and the exam more consistent.
Middle of scan (middle of K space) should be at 30, 70, and 180 seconds...example

Examples	

20 second delay, scan starts.
scan lasts 20 seconds (places middle of scan at 30 sec)
  1st scan stops
20 seconds rest (delay/gap)
   scan lasts 20 seconds (places middle of scan 70 sec from injection start)
  2nd scan stops
90 seconds rest (delay/gap)
20 second scan (puts middle of scan 180 seconds from injection start)
	Scan lasts 24 seconds (big liver)
	18 second delay after injection starts
	    scan lasts 24 seconds...half of 24 is 12. 12 sec + 18 sec = 30 seconds...middle of scan is at 30 seconds
	16 second rest (delay/gap)
	   scan lasts 24 seconds.
	84 second rest (delay/gap)

ABDOMEN
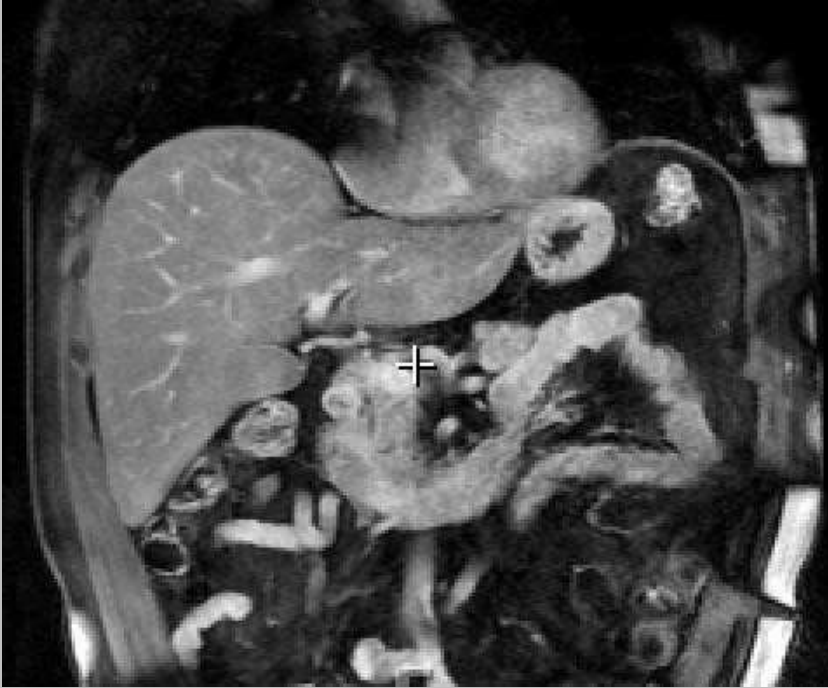
Scan coverage: cover organ of interest