

 University Health™	POLICY #: Rad Proc 14. 15. 22
SUBJECT: HEMOCHROMOTOSIS IRON OVERLOAD	Effective: 10/1/2013 Revised: 2/2015: 10/2017
APPROVED BY Eduardo Gonzalez-Toledo, MD Phd	Page 1 of 2

ORIENTATION: FEET FIRST/SUPINE

COIL: HD BODYUPPER

PLANE	3 PLN LOC SSFSE BH	CALIBRATIO N SCAN BH	AX FGRE ASSET BH T1	AX FRGE BH PD	AX FFRE ASSET BH+	AX FGRE ASSET BH T2	AX FGRE ASSET BH T2++	AX 3D DUAL Echo
SEQ	Spin Echo	GRE	Gradient ECHO	Gradient Echo	Gradient Echo	Gradient Echo	Gradient Echo	SPGR
MODE	2D	2D	2D	2D	2D	2D	2D	3D
IMAGING OPTIONS	SEQ/FAST /SS	FAST/CALIB	FC/FAST/ ASSET	FAST/SS/A SSET	FC/FAST/ASS ET	FC/FAST/ASS ET	FC/FAST/ASS ET	EDR/FASTZIP2 / ARC
TE			4 ms +		9 ms+	14ms+	21	Mini FULL
TR	MIN		120		120.	120	120	
FLIP ANGLE			90		20	20	20	12
ETL								
BW	62.50		31.25	31.25	31.25	31.25	6.10	62.50
FOV	40	48	40	40	25	40	40	25
SLICE THICKNESS	8	15	8	8	8	8	8	4
SLICE SPACING	5	0	1	1	1	1	1	40 LOC/SL
Frequency	320		256	256	256	256	256	320
Phase	192		224	224	224	224	224	192
NEX			1	1	1	1	1	
PHASE FOV	1		1	1	1	1	1	.90
FREQ DIR	UNSWAP	A/P	R/L	R/L	R/L	R/L	R/L	R/L
FLOW COMP DIR								
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON

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NOTES: Call the Radiologist to review the images before administering contrast.

Don't have to cover whole liver.

Utilize Dotarem for this exam, Use 0.2 mL/kg body weight for age 2 and older per Dr. Sangster; under age 2 consult Radiologist