ТМ	Policy #: Rad Proc 14. 14. 25
University Health™	
SUBJECT: Non-Contrast Neck	Effective: 10/1/2013
	Reviewed: 2/2015: 2/2017
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Purpose: To provide MRI staff with approved protocol for performing an Non-Contrast Neck MR.

ORIENTATION: HEAD FIRST/SUPINE Coil: HNS NV FULL

EXAM: Non-Contrast Neck

PLANE	3 PLN LOC	AX 2D TOF	AX 3D TOF	OP CALIB	OP COR InHance 3D
					Velocity
SEQ	GRE	VASC TOF	VASC TOF	GRE	Inhance
		SPGR	SPGR		Velocity
MODE	2D	2D	3D	2D	3D
IMAGING OPTIONS	SEQ/FAST	FC/SEQ	FC/ZIP2	FAST/CALIB	ZIP2/ASSET
TE		6.9 ms	6.9 ms		MIN
TR		MIN	30 ms		MIN
TI					
FLIP		50	20		10
ANGLE					
ETL					
BW		20.83	15.63		20.83
FOV	48	20	20	30	24
SLICE	5	2	2.4	6	1.4
THICKNESS					
SLICE	5	0	LOCS/SL 40	0	LOCS/SL 60
SPACING					
Overlap Locs.			6		
	256	288	256		320
Frequency	128	160	128		256
Phase NEX	128	1	128		230
PHASE FOV	1	1	0.8		0.90
FREQ DIR	UNSWAP	UNSWAP	UNSWAP	R/L	S/I
FLOW	UNSWAP	UNSWAP	UNSWAP	N/L	3/1
COMP DIR					
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE	OFF	OFF	OFF	OFF	OFF
CORRECT	OFF	OFF	OFF	OFF	OFF

NOTES: AX 2D TOF: SUPERIOR SAT AX 3D TOF: INFERIOR SAT

OP SEQUENCES: The calibration scan must be acquired to allow one to acquire the COR INHANCE 3D Velocity sequence. The VENC for this sequence is set at 40. If the other sequences are not of adequate quality, the COR INHANCE 3D Velocity sequence may be acquired.

Note: Additional sequences may be requested at the discretion of the Radiologist monitoring the exam.