

 University Health™	Policy #: Rad Proc 14. 14. 7
SUBJECT: : CSF FLOW STUDY	Effective: 10/1/2015 Reviewed: 5/2015; 2/2017
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1. Purpose: : To provide MRI staff with approved protocol for performing an adult CSF flow brain MR.

ORIENTATION: HEAD FIRST/SUPINE

Coil: HNS HEAD/STANDARD HEAD

Exam: CSF FLOW STUDY

PLANE	3 PLN LOC	COR LOC	SAG CINE (VENC 70)
SEQ	GRE	FSPGR	VASC PC
MODE	2D	2D	CINE
IMAGING OPTIONS	SEQ/FAST	NPW/FAST	FC/SEQ
TE		MIN	
TR		34 ms	40
FLIP ANGLE		30	20
ETL			
BW		31.25	15.63
FOV	24	24	24
SLICE THICKNESS	5	5	4
SLICE SPACING	5	2.5	0
Frequency	256	256	256
Phase	128	128	192
NEX	1	2	1
PHASE FOV	1		1
FREQ DIR	UNSWAP	S/I	UNSWAP
FLOW COMP DIR			
SHIM	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	OFF

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

NOTES: FLOW ANALYSIS: SLICE. ADDITIONAL FLOW IMAGES & FLOW RECON TYPE: 0
VENC: 70 # OF CARDIAC PHASES TO RECONSTRUCT: 32 LOC PER ACQUISITION: 1