

 University Health™	Policy #: Rad Proc 14. 14. 12
SUBJECT: IAC'S	Effective: 10/1/2013 Reviewed: 2/2015: 2/2017
APPROVED BY: Eduardo Gonzalez-Toledo, MD PhD	Page 1 of 2

Purpose: To provide MRI staff with approved protocol for performing IAC's MR.

ORIENTATION: HEAD FIRST/SUPINE

Coil: HNS HEAD/STANDARD HEAD

EXAM: IAC'S

PLANE	3 PLN LOC	AX FIESTA-C	AX DWI PROPELL ER	AX T1	AX T1 C+	COR T1 C+
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SEQ	GRE	FIESTA-C	DW PROPELLER	FSE XL	FSE XL	FSE XL
MODE	2D	3D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST	FAST/ZIP2	NONE	FC/NPW/ED R/ FAST	FC/NPW/EDR/ FAST	FC/NPW/ED R/ FAST
TE		MIN FULL		MIN FULL	MIN FULL	MIN FULL
TR				400-600 ms	400-600 ms	400-600 ms
TI						
FLIP ANGLE		45	90			
ETL			16	2	2	2
BW		62.50	83.33	15.63	15.63	15.63
FOV	24	24	22	22	22	22
SLICE THICKNESS	10	2	0.5	2	2	2
SLICE SPACING	5	LOCS/SL 32	0	0.2	0.2	0.2
Frequency	256	512	128	256	256	256
Phase	128	192	16	192	192	192
NEX	1	1	1.5	3	3	3
PHASE FOV	1	0.75	22			
FREQ DIR	UNSWAP	UNSWAP		A/P	A/P	A/P
FLOW COMP DIR				FREQ	FREQ	FREQ
SHIM	AUTO	AUTO		AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF		ON	ON	ON

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

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