

 University Health™	Policy #: Rad Proc 14. 14. 8. 2
SUBJECT: GAMMA (DR. MISSIOS)	Effective: 10/1/2013 Reviewed: 2/2015: 2/2017
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Purpose: To provide MRI staff with approved protocol for performing a Dr. Missios Gamma Brain.

ORIENTATION: HEAD FIRST/SUPINE

Coil: HNS HEAD/HEAD

EXAM: GAMMA (DR. MISSIOS)

PLANE	3 PLN LOC	CALIB.	SAG T1	AX FSPGR BRAVO C+	AX 3D FSPGR C+ (WITH FRAME)
SEQ	GRE	GRE	FSE XL	BRAVO	SPGR
MODE	2D	2D	2D	3D	3D
IMAGING OPTIONS	SEQ/FAST	FAST/CALIB	FAST	FAST/Irp/ASSET	EDR/FAST/ZIP2
TE			400-600 ms		MIN FULL
TR			400-600 ms		
TI					
FLIP ANGLE				13	20
ETL			3		
BW			15.63	25.00	31.25
FOV	24	30	30	24	25
SLICE THICKNESS	10	6	4	0.8	1.6
SLICE SPACING	5	0	1	LOCS/SL 254	LOCS/SL 128
Frequency	256		256	256	256
Phase	128		192	256	256
NEX	1		1	1	1
PHASE FOV	1		1	1	0.90
FREQ DIR	UNSWAP	R/L	S/I	UNSWAP	UNSWAP
FLOW COMP DIR			UNSWAP		
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	ON	OFF	OFF

NOTES: Cover the entire brain.

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