Protocol: adult_chest_BREAST BIOPSY					
	PATIENT POSITION		IMAGING PARAMETERS		
	Patient Entry	Feet First	Imaging Mode	2D	
	Patient Position	Prone	Pulse Sequence	Spin Echo	
	Coil Configuration	16Ch Breast Array by Sentinelle;HD 8Ch VIBRANT Breast Array by GE	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC	SS,
	Plane	3-PLANE	SCAN RANGE		
	Series Description	3-Plane Localizer	FOV	44.0	
	SCAN TIMING		Slice Thickness	10.0	
	TE	80.0	Slice Spacing	5.0	
	Number of Echoes	1	ACQ TIMING		
	TR	Minimum	Freq	320	
	Receiver Bandwidth	83.33	Phase	192	
zer	IMAGE ENHANCE		Freq DIR	Unswap	zer
cali	Filter Choice	None	# of Acq. Before Pause	0	3-Plane Localizer
Ъ		None	Phase FOV	1.00	Lo
ane	GATING/TRIGGER			Auto	ane
3-Plane Localizer	Auto Trigger Type	Off	Phase Correction	No	đ
ć	MULTI-PHASE		FMRI		Ċ
	Seperate Series	0	PSD Trigger	Internal	
	Mask Phase	0	View Order	Bottom/Up	
	Mask Pause	0	# of Repetitions REST	0	
	DIFFUSION		# of Repetitions ACTIVE	0	
	Recon All Images	On	SAT		
	CONTRAST		Тад Туре	None	
	Contrast Yes/No	No	TRICKS		
			Pause On/Off	On	
			Auto Subtract	0	
			Auto SCIC	Off	

	Pro	otocol: adult_chest_BREAS	TBIOPSY		
	PATIENT POSITION		IMAGING PARAMETERS		
	Patient Entry	Feet First	Imaging Mode	3D	
	Patient Position	Prone	Pulse Sequence	VIBRANT	
	Coil Configuration	HD Breast	Imaging Options	NPW, EDR, Fast, ZIP2,	
	Plane	SAGITTAL		Asset	
	Series Description	3D Sag fiducial	PSD Name	efgre3d_aspir	
	SCAN TIMING		SCAN RANGE		
	Flip Angle	10	FOV	24.0	
	Number of Echoes	1	Slice Thickness	2.2	
	ті	24	Location per Slab	132	
	Receiver Bandwidth	62.50	Overlap Locations	0	_
	IMAGE ENHANCE		ACQ TIMING		
	Filter Choice	None	Freq	288	
	GATING/TRIGGER		Phase	224	
	Auto Trigger Type	Off	Freq DIR	A/P	
			Auto Shim	Auto	
	FMRI		Phase Correction	No	
	PSD Trigger	Internal	USER CVS		
	View Order	Bottom/Up	User CV6	1.00	
	# of Repetitions REST	0	MULTI-PHASE		
	# of Repetitions ACTIVE	0	Seperate Series	0	
	SAT		Mask Phase	0	
	Tag Type	None	Mask Pause	0	
cial	Fat/Water Saturation	Fat Special	DIFFUSION		cia
Sag fiducial	TRICKS		Recon All Images	On	Sag fiducial
ag 1	Pause On/Off	On	CONTRAST	•	ag
S C	Auto Subtract	0	Contrast Yes/No	No	
3D	Auto SCIC	2	Contrast Tes/NO	NO	3D
	OTHERS				
	Protocol Notes	SHIM AND BE SURE TO GO THRU THE FIEDUCIAL AND GRID Place a shim volume over each breast. Auto and Manual Prescan. Go to CF Fine. Go to Volume 1. Set highest receiver for Volume 1. Center on the water peak. Go to Volume 2. Set highest receiver for Volume 2. Center on water peak. Hit Done and Prep Scan. ** If using CADstream, refer to your CADstream User Manual or contact your CADstream Representative with any change to your dynamic breast protocol, in regards to the use of PURE. ** The output of post processing can be modifed with any change to the protocol. For optimal image quality, keep consistency with protocols. Use the same type of filter and/or apply SCIC or PURE for both pre and post contrast imaging.			

Protocol: adult_chest_BREAST BIOPSY						
PATIENT POSITION		IMAGING PARAMETERS				
Patient Entry	Feet First	Imaging Mode	3D			
Patient Position	Prone	Pulse Sequence	VIBRANT			
Coil Configuration	16Ch Breast Array by	Imaging Options	EDR, Fast, ZIP2, Asset			
	Sentinelle;HD 8Ch VIBRANT Breast Array by GE	PSD Name	efgre3d_aspir			
Plane	AXIAL	SCAN RANGE				
Series Description	3D Ax VIBRANT non	FOV	35.0			
	comprssed	Slice Thickness	2.0			
SCAN TIMING		Location per Slab	112			
Flip Angle	12	Overlap Locations	0			
Number of Echoes	1	ACQ TIMING				
ТІ	24	Freq	350			
Receiver Bandwidth	62.50	Phase	350			
IMAGE ENHANCE		Freq DIR	A/P			
Filter Choice	None	Phase FOV	1.00			
GATING/TRIGGER		Auto Shim	Auto			
Auto Trigger Type	Off	Phase Correction	No			
FMRI		USER CVS				
PSD Trigger	Internal	User CV6	1.00			
View Order	Bottom/Up	MULTI-PHASE				
# of Repetitions REST	0	Seperate Series	0			
# of Repetitions ACTIVE	0	Delay after Acquisition without AV	1	ed		
SAT		Mask Phase	0	SSI		
Тад Туре	None	Mask Pause	0	dmo		
Fat/Water Saturation	Fat Special	DIFFUSION		20 (
TRICKS		Recon All Images	On	nor		
Pause On/Off	On	CONTRAST		Ч		
Auto Subtract	0	Contrast Yes/No	Yes	RA		
Auto SCIC	2	CUILLAST LES/IND	100	3D Ax VIBRANT non comprssed		
				X		
				D		
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Notes Place a shim volume over each breast. Auto Prescan. If Prescan profile does not have clean peaks then tune it with Manual Prescan as follows Go to CF Fine. Go to Volume 1. Set highes receiver for Volume 1. Center on the water peak. Go to Volume 2. Set highes receiver for Volume 2. Center on water peak. Hit Done and Prep Scan. ** If using CADstream, refe to your CADstream User Manual or contact your CADstream Representative with any change to your dynamic breast protocol, in regards to the use of PURE ** The output of post processing can be modifed with any change to the protocol. For optimal image quality, keep consistency with protocols. Use the same type of filter and/or apply SCIC or PURE for both pre and post contrast imaging.	n ss est fer re RE. d

Protocol: adult_chest_BREAST BIOPSY						
PATIENT POSITION		IMAGING PARAMETERS				
Patient Entry	Feet First	Imaging Mode	3D			
Patient Position	Prone	Pulse Sequence	VIBRANT			
Coil Configuration	16Ch Breast Array by	Imaging Options	EDR, Fast, ZIP2, Asset			
	Sentinelle;HD 8Ch VIBRANT Breast Array by GE	PSD Name	efgre3d_aspir			
Plane	AXIAL	SCAN RANGE				
Series Description	3D Ax VIBRANT	FOV	35.0			
	compressed	Slice Thickness	2.0			
SCAN TIMING		Location per Slab	112			
Flip Angle	12	Overlap Locations	0			
Number of Echoes	1	ACQ TIMING				
ТІ	24	Freq	350			
Receiver Bandwidth	62.50	Phase	350			
IMAGE ENHANCE		Freq DIR	A/P			
Filter Choice	None	Phase FOV	1.00			
GATING/TRIGGER		Auto Shim	Auto			
Auto Trigger Type	Off	Phase Correction	No			
FMRI		USER CVS				
PSD Trigger	Internal	User CV6	1.00			
View Order	Bottom/Up	MULTI-PHASE				
# of Repetitions REST	0	Seperate Series	0			
# of Repetitions ACTIVE	0	Delay after Acquisition without AV	1	p		
SAT		Mask Phase	0	SS		
Тад Туре	None	Mask Pause	0	pre		
Fat/Water Saturation	Fat Special	DIFFUSION		Ax VIBRANT compressed		
TRICKS		Recon All Images	On	Ĕ		
Pause On/Off	On	CONTRAST	-	AN		
Auto Subtract	0	CONTRAST Contrast Yes/No	Yes	IBR		
Auto SCIC	2	Contrast res/NO	160	\geq		
				Â		
				3D		

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Notes Place a shim volume over each breast. Auto Prescan. If Prescan profile does not have clean peaks then tune it with Manual Prescan as follows Go to CF Fine. Go to Volume 1. Set highes receiver for Volume 1. Center on the water peak. Go to Volume 2. Set highes receiver for Volume 2. Center on water peak. Hit Done and Prep Scan. ** If using CADstream, refe to your CADstream User Manual or contact your CADstream Representative with any change to your dynamic breast protocol, in regards to the use of PURE ** The output of post processing can be modifed with any change to the protocol. For optimal image quality, keep consistency with protocols. Use the same type of filter and/or apply SCIC or PURE for both pre and post contrast imaging.	n ss est fer re RE. d

	Pro	otocol: adult_chest_BREAS	TBIOPSY		
	PATIENT POSITION		IMAGING PARAMETERS		
	Patient Entry	Feet First	Imaging Mode	3D	
	Patient Position	Prone	Pulse Sequence	VIBRANT	
	Coil Configuration	16Ch Breast Array by Sentinelle;HD 8Ch VIBRANT Breast Array by GE	Imaging Options PSD Name	EDR, Fast, ZIP2, Asset efgre3d_aspir	
	Plane	AXIAL	SCAN RANGE		
	Series Description	3D Ax VIBRANT obtrator	FOV	34.0	
	SCAN TIMING		Slice Thickness	2.0	
	Flip Angle	12	Location per Slab	112	
	Number of Echoes	1	Overlap Locations	0	
	TI	24	ACQ TIMING		
	Receiver Bandwidth	62.50	Freq	350	
	IMAGE ENHANCE		Phase	350	
	Filter Choice	None	Freq DIR	A/P	
	GATING/TRIGGER		Phase FOV	1.00	
	Auto Trigger Type	Off	Auto Shim	Auto	
			Phase Correction	No	
	FMRI PSD Trigger	Internal	USER CVS		
	View Order	Bottom/Up	User CV6	1.00	
	# of Repetitions REST	0	MULTI-PHASE		
	# of Repetitions ACTIVE	0	Seperate Series	0	
tor	SAT		Delay after Acquisition without AV	1	tor
trat	Тад Туре	None	Mask Phase	0	trat
_ob	Fat/Water Saturation	Fat Special	Mask Pause	0	do -
N T	TRICKS		DIFFUSION		NT
3R∕	Pause On/Off	On	Recon All Images	On	3D Ax VIBRANT obtrator
VIE	Auto Subtract	0	CONTRAST		VIE
3D Ax VIBRANT obtrator	Auto SCIC	2	Contrast Yes/No	Yes	Ax
3D	OTHERS				3D
31	Protocol Notes	Place a shim volume over each breast. Auto Prescan. If Prescan profile does not have clean peaks then tune it with Manual Prescan as follows Go to CF Fine. Go to Volume 1. Set highest receiver for Volume 1. Center on the water peak. Go to Volume 2. Set highest receiver for Volume 2. Center on water peak. Hit Done and Prep Scan. ** If using CADstream, refer to your CADstream User Manual or contact your CADstream Representative with any change to your dynamic breast protocol, in regards to the use of PURE. ** The output of post processing can be modifed with any change to the protocol. For optimal image quality, keep consistency with protocols. Use the same type of filter and/or apply SCIC or PURE for both pre and post contrast imaging.			

	Pro	otocol: adult_chest_BREAS	ST BIOPSY		
	PATIENT POSITION		IMAGING PARAMETERS		
	Patient Entry	Feet First	Imaging Mode	3D	
	Patient Position	Prone	Pulse Sequence	VIBRANT	
	Coil Configuration	16Ch Breast Array by	Imaging Options	EDR, Fast, ZIP2, Asset	
		Sentinelle;HD 8Ch VIBRANT Breast Array by GE	PSD Name	efgre3d_aspir	
	Plane	AXIAL	SCAN RANGE		
	Series Description	3D Ax VIBRANT clip	FOV	35.0	
	SCAN TIMING		Slice Thickness	2.0	
	Flip Angle	12	Location per Slab	112	
	Number of Echoes	1	Overlap Locations	0	_
	ті	24	ACQ TIMING		
	Receiver Bandwidth	62.50	Freq	350	
	IMAGE ENHANCE		Phase	350	
	Filter Choice	None	Freq DIR	A/P	
	GATING/TRIGGER		Phase FOV	1.00 Auto	
	Auto Trigger Type	Off	Auto Shim Phase Correction	Auto No	
	FMRI			110	
	PSD Trigger	Internal	USER CVS User CV6	1.00	- 22
	View Order	Bottom/Up		1.00	
	# of Repetitions REST	0	MULTI-PHASE	-	
	# of Repetitions ACTIVE	0	Seperate Series	0	
	SAT		Delay after Acquisition without AV	1	
clip	Тад Туре	None	Mask Phase	0	clip
Ł	Fat/Water Saturation	Fat Special	Mask Pause	0	Ę
Ax VIBRANT clip	TRICKS		DIFFUSION		RA
VIB	Pause On/Off	On	Recon All Images	On	3D Ax VIBRANT clip
Ax,	Auto Subtract	0	CONTRAST		
3D .	Auto SCIC	2	Contrast Yes/No	Yes	g
	OTHERS				
8	OTHERS Protocol Notes	Place a shim volume over each breast. Auto Prescan. If Prescan profile does not have clean peaks then tune it with Manual Prescan as follows Go to CF Fine. Go to Volume 1. Set highest receiver for Volume 1. Center on the water peak. Go to Volume 2. Set highest receiver for Volume 2. Center on water peak. Hit Done and Prep Scan. ** If using CADstream, refer to your CADstream User Manual or contact your CADstream Representative with any change to your dynamic breast protocol, in regards to the use of PURE. ** The output of post processing can be modifed with any change to the protocol. For optimal image quality, keep consistency with protocols. Use the same type of filter and/or apply SCIC or PURE for both pre and post contrast imaging.			