

ADNI , ADNI_SH , SURVEY

Geometry

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Multi coil = no
Dual connector = no
Homogeneity correction = none
CLEAR = no
FOV (mm) = 250.00
RFOV (%) = 100.00
Foldover suppression = no
Matrix scan = 256
 reconstruction = 256
Scan percentage (%) = 50.00
SENSE = no
Stacks = 3
 current = A
 type = parallel
 slices = 3
 slice thickness (mm) = 10.00
 slice gap = user defined
 gap (mm) = 10.00
 slice orientation = sagittal
 foldover direction = AP
 fat shift direction = F
 use geometry = none
Slice scan order = default
Stack scan order = ascend
Move table per stack = no
Stack alignment = no
Stack display order = no
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
 orientation = supine

Contrast

Scan mode = M2D
 technique = FFE
Contrast enhancement = T1
Acquisition mode = cartesian
Fast Imaging mode = TFE
 shot mode = multi-shot
TFE factor = 42
 startup echoes = default
 shot interval = shortest
 profile order = linear
 randomized shots = no
Echoes = 1
 partial echo = no
 shifted echo = no
TE = shortest

Flip angle (deg)	= 20.00
TR	= user defined
(ms)	= 15.00
Half Scan	= no
Water fat shift	= maximum
Shim	= no
SPIR	= no
SPAIR	= no
TFE prepulse	= invert
slice selection	= no
shared	= no
delay	= shortest
ProSet	= no
MTC	= no
T2prep	= no
Research prepulse	= no
diffusion mode	= no
SAR mode	= high
B1 mode	= default
PNS mode	= moderate
gradient mode	= regular
SofTone mode	= no
Motion	
Cardiac synchronisation	= no
Respiratory compensation	= no
Navigator respiratory comp	= no
Flow compensation	= no
fMRI echo stabilisation	= no
NSA	= 1
Dyn/ang	
Angio	= no
Quantitative flow	= no
Manual start	= no
Dynamic study	= no
Flow labelling	= none
Postproc	
Preparation phases	= auto
B0 field map	= no
MIP/MPR	= no
Images	=
0: M no no no	
Autoview image	= M
Reference tissue	= White matter
Preset window contrast	= soft
Reconstruction mode	= immediate
Save raw data	= no
Push to workstation	= no
Hardcopy protocol	= no
Ringing filtering	= no
Offc/ang	
Stacks	= 3
current	= A
Stack Offc. AP (P=+mm)	= -20.00

	RL (L=+mm)	= 0.00
	FH (H=+mm)	= 0.00
Ang.	AP (deg)	= 0.00
	RL (deg)	= 0.00
	FH (deg)	= 0.00

Info

SAR (W/kg) / (level)	= <0.3 / 0
PNS (%) / (level)	= 16 % / normal
Total scan duration	= 00:17.4
Act. TR/TE (ms)	= 15 / 5.2
ACQ voxel MPS (mm)	= 0.98 / 1.98 / 10.0
REC voxel MPS (mm)	= 0.98 / 0.98 / 10.0
Scan percentage (%)	= 49.2
TFE shots	= 3
TFE dur. shot / acq (ms)	= 697.1 / 630.0
TFE shot interval (ms)	= 697.1
Min. TI delay	= 372.8
Act. WFS (pix) / BW (Hz)	= 1.161 / 187.1
Min. WFS (pix) / Max. BW (Hz)	= 0.522 / 415.8
Min. TR/TE (ms)	= 10 / 5.2
Rel. signal level (%)	= 100.0

ADNI , ADNI_SH , Ref_SHC

Geometry

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
 RL (L=+mm) = 0.00
 FH (H=+mm) = 0.00
Patient position = head first
 orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Contrast

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
 RL (L=+mm) = 0.00
 FH (H=+mm) = 0.00
Patient position = head first
 orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Motion

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
 RL (L=+mm) = 0.00
 FH (H=+mm) = 0.00
Patient position = head first
 orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Dyn/ang

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
 RL (L=+mm) = 0.00
 FH (H=+mm) = 0.00

Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Postproc
Coil selection = SENSE-head
element selection = SENSE
connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
RL (L=+mm) = 0.00
FH (H=+mm) = 0.00
Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Offc/ang
Coil selection = SENSE-head
element selection = SENSE
connection = d
Dual connector = no
Foldover suppression = no
Stack Offc. AP (P=+mm) = 0.00
RL (L=+mm) = 0.00
FH (H=+mm) = 0.00
Patient position = head first
orientation = supine
Respiratory compensation = no
NSA = 3
Manual start = no

Info
SAR (W/kg) / (level) = <0.3 / 0
PNS (%) / (level) = 28 % / normal
Total scan duration = 00:50.6
Act. TR/TE (ms) = 8.0 / 0.81
ACQ voxel MPS (mm) = 4.69 / 6.00 / 6.00
REC voxel MPS (mm) = 4.69 / 4.69 / 3.00
Scan percentage (%) = 78.1
Packages = 1
Act. WFS (pix) / BW (Hz) = 0.110 / 1973.9
Min. WFS (pix) / Max. BW (Hz) = 0.069 / 3125.0
Rel. signal level (%) = 100.0

ADNI , ADNI_SH , MPRAGE

Geometry

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
FOV (mm) = 240.00
RFOV (%) = 100.00
Foldover suppression = no
Matrix scan = 192
 reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
 P reduction (AP) = 1.00
 S reduction (RL) = 1.00
Overcontiguous slices = no
Stacks = 1
 slices = 170
 slice thickness (mm) = 1.20
 slice orientation = sagittal
 foldover direction = AP
 fat shift direction = F
 use geometry = none
Chunks = 1
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
 orientation = supine

Contrast

Scan mode = 3D
 technique = FFE
Contrast enhancement = T1
Acquisition mode = cartesian
Fast Imaging mode = TFE
 shot mode = multi-shot
TFE factor = 192
 startup echoes = default
 shot interval = user defined
 (ms) = 2300.00
 profile order = linear
 turbo direction = Y
 randomized shots = no
Echoes = 1
 partial echo = no
 shifted echo = no
TE = user defined
 (ms) = 4.00
Flip angle (deg) = 8.00
TR = shortest
Half Scan = no
Water fat shift = maximum

Shim	= no
SPIR	= no
SPAIR	= no
TFE prepulse	= invert
slice selection	= no
delay	= user defined
(ms)	= 1000.00
ProSet	= no
MTC	= no
T2prep	= no
Research prepulse	= no
diffusion mode	= no
SAR mode	= high
B1 mode	= default
PNS mode	= moderate
gradient mode	= default
SofTone mode	= no
Motion	
Cardiac synchronisation	= no
Respiratory compensation	= no
Navigator respiratory comp	= no
Flow compensation	= no
fMRI echo stabilisation	= no
NSA	= 1
Dyn/ang	
Angio	= no
Quantitative flow	= no
Manual start	= no
Dynamic study	= no
Flow labelling	= none
Postproc	
Preparation phases	= auto
B0 field map	= no
MIP/MPR	= no
Images	=
0: M no no no	
Autoview image	= M
Reference tissue	= White matter
Preset window contrast	= soft
Reconstruction mode	= immediate
Save raw data	= no
Push to workstation	= no
Hardcopy protocol	= no
Ringing filtering	= yes
Offc/ang	
Stacks	= 1
Stack Offc. AP (P=+mm)	= 0.00
RL (L=+mm)	= 0.00
FH (H=+mm)	= 0.00
Ang. AP (deg)	= 0.00
RL (deg)	= 0.00
FH (deg)	= 0.00

Info

SAR (W/kg) / (level)	= <0.1 / 0
PNS (%) / (level)	= 59 % / normal
Total scan duration	= 07:11.9
Act. TR/TE (ms)	= 8.6 / 4.0
ACQ voxel MPS (mm)	= 1.25 / 1.25 / 1.20
REC voxel MPS (mm)	= 0.94 / 0.94 / 1.20
Scan percentage (%)	= 100.0
TFE shots	= 187
TFE dur. shot / acq (ms)	= 1833.9 / 1654.7
Min. TI delay	= 864.3
Act. WFS (pix) / BW (Hz)	= 1.322 / 164.3
Min. WFS (pix) / Max. BW (Hz)	= 0.208 / 1041.7
Min. TR/TE (ms)	= 8.6 / 3.0
Rel. signal level (%)	= 100.0

ADNI , ADNI_SH , Double_TSE

Geometry

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
FOV (mm) = 240.00
RFOV (%) = 88.00
Foldover suppression = no
Matrix scan = 256
 reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
 P reduction (RL) = 1.00
Stacks = 1
 type = parallel
 slices = 48
 slice thickness (mm) = 3.00
 slice gap = user defined
 gap (mm) = 0.00
 slice orientation = transverse
 foldover direction = RL
 fat shift direction = P
 use geometry = none
Minimum number of packages = 1
Slice scan order = default
PlanAlign = no
REST slabs = 0
Catheter tracking = no
Interactive positioning = no
Allow table movement = no
Patient position = head first
 orientation = supine

Contrast

Scan mode = MS
 technique = SE
Modified SE = no
Acquisition mode = cartesian
Fast Imaging mode = TSE
TSE factor = 10
 startup echoes = 0
 profile orders = default
 DRIVE = no
 ultrashort = no
 randomized shots = no
 strong FID crushing = no
Echoes = 2
 partial echo = no
TE first = user defined
 (ms) = 12.00
 second (ms) = 96.00
Flip angle (deg) = 90.00
Refocusing control = no
TR = user defined

(ms)	= 3000.00
Half Scan	= no
Water fat shift	= maximum
Shim	= no
SPIR	= no
SPAIR	= no
BB pulse	= no
ProSet	= no
MTC	= no
Research prepulse	= no
Zoom imaging	= no
diffusion mode	= no
SAR mode	= low
B1 mode	= default
PNS mode	= moderate
gradient mode	= regular
SofTone mode	= no
Motion	
Cardiac synchronisation	= no
Respiratory compensation	= no
Navigator respiratory comp	= no
Flow compensation	= no
Temporal slice spacing	= default
NSA	= 1
Dyn/ang	
Manual start	= no
Dynamic study	= no
Flow labelling	= none
Postproc	
Preparation phases	= auto
B0 field map	= no
MIP/MPR	= no
Images	=
0: M no no no	
Autoview image	= M
Calculated images	=
0: no no no no	
Reference tissue	= White matter
Preset window contrast	= soft
Reconstruction mode	= immediate
Save raw data	= no
Push to workstation	= no
Hardcopy protocol	= no
Offc/ang	
Stacks	= 1
Stack Offc. AP (P=+mm)	= 0.00
RL (L=+mm)	= 0.00
FH (H=+mm)	= 0.00
Ang. AP (deg)	= 0.00
RL (deg)	= 0.00
FH (deg)	= 0.00

Info

SAR (W/kg) / (level)	= <1.1 / 0
PNS (%) / (level)	= 14 % / normal
Total scan duration	= 06:45.0
ACQ voxel MPS (mm)	= 0.94 / 0.95 / 3.00
REC voxel MPS (mm)	= 0.94 / 0.94 / 3.00
Scan percentage (%)	= 98.2
Packages	= 3
Min. slice gap (mm)	= 3.00
Optimal slices	= 42
Max. slices	= 63
WFS (pix) / BW (Hz)	= 1.337 / 162.4
TSE es / shot (ms)	= 12.0 / 120
Min. TR-SE/TR-IR/TI (ms)	= 2202 / 0.00 / 50
Rel. signal level (%)	= 100.0

