

ADNI , ADNI_3T , 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	= 64
startup echoes	= default
shot interval	= shortest
profile order	= linear
randomized shots	= no
Echoes	= 1
partial echo	= yes
shifted echo	= no
TE	= in-phase

(ms)	= 4.61
Flip angle (deg)	= 15.00
TR	= shortest
Half Scan	= no
Water fat shift	= user defined
(pixels)	= 3.500
Shim	= no
SPIR	= no
SPAIR	= no
TFE prepulse	= invert
slice selection	= no
shared	= no
delay	= user defined
(ms)	= 800.00
ProSet	= no
MTC	= no
T2prep	= no
Research prepulse	= no
diffusion mode	= no
SAR mode	= high
B1 mode	= default
PNS mode	= low
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	= Grey matter
Preset window contrast	= soft
Reconstruction mode	= real time
Save raw data	= no
Push to workstation	= no
Hardcopy protocol	= no
Ringing filtering	= yes
Offc/ang	
Stacks	= 3

current	=	A
Stack Offc. AP (P=+mm)	=	-20.00
RL (L=+mm)	=	0.00
FH (H=+mm)	=	20.00
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	=	00:31.5
Act. TR/TE (ms)	=	11 / 4.6
ACQ voxel MPS (mm)	=	0.98 / 1.95 / 10.0
REC voxel MPS (mm)	=	0.98 / 0.98 / 10.0
Scan percentage (%)	=	50.0
TFE shots	=	2
TFE dur. shot / acq (ms)	=	1166.4 / 712.6
TFE shot interval (ms)	=	1166.4
Min. TI delay	=	402.8
Act. WFS (pix) / BW (Hz)	=	3.500 / 124.1
Min. WFS (pix) / Max. BW (Hz)	=	1.044 / 415.8
Min. TR/TE (ms)	=	11 / 2.4
Rel. signal level (%)	=	100.0

ADNI , ADNI_3T , 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

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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) = <0.1 / 0
PNS (%) / (level) = 33 % / normal
Total scan duration = 00:25.3
Act. TR/TE (ms) = 4.0 / 0.80
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) = 0.170 / 2553.6
Min. WFS (pix) / Max. BW (Hz) = 0.139 / 3125.0
Rel. signal level (%) = 100.0

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ADNI , ADNI_3T , MPRAGE_ASO (and MPRAGE_ASO_repeat)

Geometry

Coil selection = SENSE-head
 element selection = SENSE
 connection = d
Dual connector = no
FOV (mm) = 256.00
RFOV (%) = 94.00
Foldover suppression = no
Matrix scan = 256
 reconstruction = 256
Scan percentage (%) = 100.00
SENSE = yes
 P reduction (AP) = 1.00
 S reduction (RL) = 1.00
 body tuned = no
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 = 240
 startup echoes = default
 shot interval = user defined
 (ms) = 3000.00
 profile order = linear
 turbo direction = Y
 randomized shots = no
Echoes = 1
 partial echo = no
 shifted echo = no
TE = shortest
Flip angle (deg) = 8.00
TR = shortest
Half Scan = no
Water fat shift = user defined
 (pixels) = 1.800

Shim	= auto
SPIR	= no
SPAIR	= no
TFE prepulse	= invert
slice selection	= no
delay	= user defined
(ms)	= 855
ProSet	= no
MTC	= no
T2prep	= no
Research prepulse	= no
diffusion mode	= no
SAR mode	= high
B1 mode	= default
PNS mode	= low
gradient mode	= maximum
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	= Grey 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)	= <0.2 / 0
PNS (%) / (level)	= 54 % / normal
Total scan duration	= 09:19.7
Act. TR/TE (ms)	= 6.8 / 3.3
ACQ voxel MPS (mm)	= 1.00 / 1.00 / 1.20
REC voxel MPS (mm)	= 1.00 / 1.00 / 1.20
Scan percentage (%)	= 100.0
TFE shots	= 187
TFE dur. shot / acq (ms)	= 1683.4 / 1642.0
Min. TI delay	= 853.8
Act. WFS (pix) / BW (Hz)	= 1.800 / 241.3
Min. WFS (pix) / Max. BW (Hz)	= 0.329 / 1319.9
Rel. signal level (%)	= 100.0

ADNI , ADNI_3T , 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
 body tuned = no
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 = 12
 startup echoes = 0
 profile orders = default
 DRIVE = no
 ultrashort = no
 randomized shots = no
 strong FID crushing = no
Echoes = 2
 partial echo = no
TE first = shortest
 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	= auto
SPIR	= no
SPAIR	= no
BB pulse	= no
ProSet	= no
MTC	= no
Research prepulse	= no
Zoom imaging	= no
diffusion mode	= no
SAR mode	= high
B1 mode	= user defined
amplitude (uT)	= 10.50
PNS mode	= moderate
gradient mode	= default
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)	= <2.9 / 0
PNS (%) / (level)	= 35 % / normal
Total scan duration	= 05:33.0
ACQ voxel MPS (mm)	= 0.94 / 0.97 / 3.00
REC voxel MPS (mm)	= 0.94 / 0.94 / 3.00
Scan percentage (%)	= 96.4
Packages	= 3
Min. slice gap (mm)	= 3.00
Optimal slices	= 34
Max. slices	= 51
WFS (pix) / BW (Hz)	= 2.516 / 172.6
TSE es / shot (ms)	= 10.1 / 121
Min. TR-SE/TR-IR/TI (ms)	= 2712 / 0.00 / 50
Rel. signal level (%)	= 100.0