

ADNI , ADNI_QH , SURVEY

Geometry
Coil selection = Head
 connection = d
Multi coil = no
Homogeneity correction = none
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
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
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) / SAR level = 0.3 / 0
Total scan duration = 00:17.4
Measured voxel size M / P / S (mm) = 0.98 / 1.98 / 10.0
Reconstructed voxel size M / P / S (mm) = 0.98 / 0.98 / 10.0
Actual scan percentage (%) = 49.2
TFE shots = 3
TFE shot duration (ms) / TFE acq duration (ms) = 697.1 / 630.0
TFE shot interval (ms) = 697.1
Minimum prepulse TI delay = 372.8
Act. Water fat shift (pixels) / Act. BW per pixel (Hz) = 1.161 / 187.1
Min. Water fat shift (pixels) / Max. BW per pixel (Hz) = 0.522 / 415.8
Act. TR / TE (ms) = 15 / 5.2
Min. TR / TE (ms) = 10 / 5.2
Relative signal level RSL (%) = 100.0

ADNI , ADNI_QH , MPRAGE

Geometry

Coil selection = Head
 connection = d
Homogeneity correction = none
FOV (mm) = 240.00
RFOV (%) = 100.00
Foldover suppression = no
Matrix scan = 192
 reconstruction = 256
Scan percentage (%) = 100.00
SENSE = no
Overcontiguous slices = no
Stacks = 1
 slices = 184
 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
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

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    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
gradient mode          = default
SoftTone 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) / SAR level = 0.1 / 0
Total scan duration     = 09:04.6
Measured voxel size     M / P / S (mm) = 1.25 / 1.25 / 1.20
Reconstructed voxel size M / P / S (mm) = 0.94 / 0.94 / 1.20

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Actual scan percentage (%) = 100.0
TFE shots = 236
TFE shot duration (ms) / TFE acq duration (ms) = 1833.9 / 1654.7
Minimum prepulse TI delay = 864.3
Act. Water fat shift (pixels) / Act. BW per pixel (Hz) = 1.323 / 164.2
Min. Water fat shift (pixels) / Max. BW per pixel (Hz) = 0.208 / 1041.7
Act. TR / TE (ms) = 8.6 / 4.0
Min. TR / TE (ms) = 8.6 / 3.0
Relative signal level RSL (%) = 100.0

ADNI , ADNI_QH , Double_TSE

Geometry

Coil selection = Head
 connection = d
Homogeneity correction = none
FOV (mm) = 240.00
RFOV (%) = 88.00
Foldover suppression = no
Matrix scan = 256
 reconstruction = 256
Scan percentage (%) = 100.00
SENSE = 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 = 10
 startup echoes = 0
 profile orders = default
 DRIVE = no
 ultrashort = 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
gradient mode	= regular
SoftTone 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) / SAR level	= 1.1 / 0
Total scan duration	= 06:45.0
Measured voxel size	M / P / S (mm) = 0.94 / 0.95 / 3.00
Reconstructed voxel size	M / P / S (mm) = 0.94 / 0.94 / 3.00
Actual scan percentage (%)	= 98.2

Number of packages = 3
Minimum slice gap = 3.00
Optimal number of slices = 42
Maximum number of slices = 63
Water fat shift (pixels) / BW per pixel (Hz) = 1.323 / 164.1
TSE echo spacing / shot duration (ms) = 12.0 / 120
Min. TR (ms) = 2201
Relative signal level RSL (%) = 100.0

