

Philips 1.5T MRI Scanners Setup

Recommended Settings are in red

Geometry

Coil selection = SENSE-head
coil mode = SENSE
connection = d
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
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
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