

Patient weight [kg] = 91;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 256;
AP (mm) = 256;
RL (mm) = 211;
ACQ voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Recon voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Fold-over suppression = "no";
Slice oversampling = "default";
ENCASE enable = "no";
Reconstruction matrix = 256;
SENSE = "yes";
P reduction (AP) = 1;
S reduction (RL) = 2;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 211;
slice orientation = "sagittal";
fold-over direction = "AP";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = -15.9172316;
RL (L=+mm) = 3.6009624;
FH (H=+mm) = -30.2342796;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "FFE";
3D non-selective = "no";
Contrast enhancement = "T1";
Acquisition mode = "cartesian";
Fast Imaging mode = "TFE";
shot mode = "single-shot";

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TFE startup echoes = "default";
  shot interval = "user defined";
    (ms) = 2500;
  profile order = "linear";
  turbo direction = "Y";
Echoes = 1;
  partial echo = "no";
  shifted echo = "no";
TE = "shortest";
Flip angle (deg) = 9;
TR = "shortest";
Halfscan = "no";
Water-fat shift = "user defined";
  (pixels) = 1.60000002;
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "no";
Water suppression = "no";
TFE prepulse = "invert";
  slice selection = "no";
  delay = "user defined";
    (ms) = 900;
  PSIR = "no";
MTC = "no";
T2prep = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
  Patient pregnancy = "no";
  Patient WB SAR [W/kg] = 0;
  Patient Head SAR [W/kg] = 0;
  Patient max. dB/dt [T/s] = 0;
  Max slewrate [T/m/s] = 0;
  Max. B1+rms [uT] = 0;
PNS mode = "low";
Gradient mode = "maximum";
SoftTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
fMRI echo stabilisation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Angio / Contrast enh. = "no";
Quantitative flow = "no";
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CENTRA = "no";
Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
SWIp = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "real time";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 0;
Total scan duration = "06:11.7";
Rel. SNR = 1.3646152;
Act. TR/TE (ms) = "6.5 / 2.9";
ACQ matrix M x P = "256 x 256";
ACQ voxel MPS (mm) = "1.00 / 1.00 / 1.00";
REC voxel MPS (mm) = "1.00 / 1.00 / 1.00";
Scan percentage (%) = 100;
Act. slice gap (mm) = 0;
TFE factor = 256;
TFE dur. shot / acq (ms) = "1745.1 / 1673.8";
Min. TI delay = 869.889526;
Act. WFS (pix) / BW (Hz) = "1.601 / 271.3";
Min. WFS (pix) / Max. BW (Hz) = "0.480 / 904.2";
Head SAR = "< 10 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "10 %";
Max B1+rms = "0.75 uT";
PNS / level = "60 % / normal";
dB/dt = "59.1 T/s";
Sound Pressure Level (dB) = 14.0577354;

Patient weight [kg] = 91;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 256;
AP (mm) = 256;
RL (mm) = 211;
ACQ voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Recon voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Fold-over suppression = "no";
Slice oversampling = "default";
ENCASE enable = "no";
Reconstruction matrix = 256;
SENSE = "no";
CS-SENSE = "yes";
reduction = 6;
denoising = "weak";
k-t Acceleration = "no";
Stacks = 1;
slices = 211;
slice orientation = "sagittal";
fold-over direction = "AP";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = -3.00601125;
RL (L=+mm) = -4.00801754;
FH (H=+mm) = 1.50301313;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "FFE";
3D non-selective = "no";
Contrast enhancement = "T1";
Acquisition mode = "cartesian";
Fast Imaging mode = "TFE";
shot mode = "multishot";

TFE factor = 256;
startup echoes = "default";
shot interval = "user defined";
(ms) = 2500;
profile order = "linear";
turbo direction = "Y";
Echoes = 1;
partial echo = "no";
shifted echo = "no";
TE = "shortest";
Flip angle (deg) = 9;
TR = "shortest";
Halfscan = "no";
Water-fat shift = "user defined";
(pixels) = 1.60000002;
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "no";
Water suppression = "no";
TFE prepulse = "invert";
slice selection = "no";
delay = "user defined";
(ms) = 900;
PSIR = "no";
MTC = "no";
T2prep = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "low";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
fMRI echo stabilisation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Angio / Contrast enh. = "no";

Quantitative flow = "no";
CENTRA = "no";
Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
SWIp = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "real time";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 0;
Total scan duration = "01:41.7";
Rel. SNR = 0.887572825;
Act. TR/TE (ms) = "6.5 / 2.9";
ACQ matrix M x P = "256 x 256";
ACQ voxel MPS (mm) = "1.00 / 1.00 / 1.00";
REC voxel MPS (mm) = "1.00 / 1.00 / 1.00";
Scan percentage (%) = 100;
Act. slice gap (mm) = 0;
TFE shots = 40;
TFE dur. shot / acq (ms) = "1745.2 / 1674.0";
Min. TI delay = 870.015076;
Act. WFS (pix) / BW (Hz) = "1.601 / 271.3";
Min. WFS (pix) / Max. BW (Hz) = "0.480 / 904.2";
Head SAR = "< 10 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "10 %";
Max B1+rms = "0.75 uT";
PNS / level = "60 % / normal";
dB/dt = "58.7 T/s";
Sound Pressure Level (dB) = 13.9873877;

Patient weight [kg] = 90;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 256;
AP (mm) = 256;
RL (mm) = 211;
ACQ voxel size FH (mm) = 1;
AP (mm) = 1.00392163;
RL (mm) = 1;
Recon voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1;
Reconstruction matrix = 256;
SENSE = "yes";
P reduction (AP) = 2;
S reduction (RL) = 2;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 211;
slice orientation = "sagittal";
fold-over direction = "AP";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = -18.5005417;
RL (L=+mm) = -1.86309195;
FH (H=+mm) = 6.05707264;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
O-MAR = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "IR";
Acquisition mode = "cartesian";
Fast Imaging mode = "TSE";
3D VIEW = "Brain FLAIR";
shot mode = "multishot";

TSE factor = 127;
startup echoes = 4;
profile order = "linear";
turbo direction = "Y";
DRIVE = "no";
fid reduction = "default";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 224;
Refocusing control = "constant";
angle (deg) = 40;
bright fat reduction = "no";
TR = "user defined";
(ms) = 5000;
Halfscan = "yes";
factor Y = 0.875;
factor Z = 1;
Water-fat shift = "user defined";
(pixels) = 0.519999981;
IR delay (ms) = 1650;
dual = "no";
power = "1";
RF Shims = "fixed";
Shim = "default";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
T2prep = "yes";
echo time (ms) = 125;
refocusing pulses = 4;
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";

Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
CENTRA = "no";
Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "real time";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "06:25.0";
Rel. SNR = 1;
Act. TR/TI (ms) = "5000 / 1650";
Act. TE (ms) = "224";
ACQ matrix M x P = "256 x 254";
ACQ voxel MPS (mm) = "1.00 / 1.01 / 1.00";
REC voxel MPS (mm) = "1.00 / 1.00 / 1.00";
Scan percentage (%) = 99.21875;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "0.516 / 841.8";
TSE es / shot (ms) = "3.7 / 488";
TEeff / TEequiv (ms) = "224 / 104";
Min. TR/TI (ms) = "2288 / 50";
Head SAR = "< 13 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "13 %";
Max B1+rms = "0.84 uT";
PNS / level = "80 % / 1st level";
dB/dt = "111.0 T/s";
Sound Pressure Level (dB) = 12.3069315;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 256;
AP (mm) = 256;
RL (mm) = 211;
ACQ voxel size FH (mm) = 1;
AP (mm) = 1.00392163;
RL (mm) = 1;
Recon voxel size FH (mm) = 1;
AP (mm) = 1;
RL (mm) = 1;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1;
Reconstruction matrix = 256;
SENSE = "no";
CS-SENSE = "yes";
reduction = 6;
denoising = "system default";
k-t Acceleration = "no";
Stacks = 1;
slices = 211;
slice orientation = "sagittal";
fold-over direction = "AP";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = 4.12284088;
RL (L=+mm) = 1.59694993;
FH (H=+mm) = 15.3569183;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
O-MAR = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "IR";
Acquisition mode = "cartesian";
Fast Imaging mode = "TSE";
3D VIEW = "Brain FLAIR";
shot mode = "multishot";
TSE factor = 127;

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startup echoes = 4;
profile order = "linear";
turbo direction = "Y";
DRIVE = "no";
fid reduction = "default";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 224;
Refocusing control = "constant";
angle (deg) = 40;
bright fat reduction = "no";
TR = "user defined";
(ms) = 5000;
Halfscan = "yes";
factor Y = 0.875;
factor Z = 1;
Water-fat shift = "user defined";
(pixel) = 0.519999981;
IR delay (ms) = 1650;
dual = "no";
power = "1";
RF Shims = "fixed";
Shim = "default";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
T2prep = "yes";
echo time (ms) = 125;
refocusing pulses = 4;
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
CENTRA = "no";
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Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "real time";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "04:35.0";
Rel. SNR = 0.389015406;
Act. TR/TI (ms) = "5000 / 1650";
Act. TE (ms) = "224";
ACQ matrix M x P = "256 x 255";
ACQ voxel MPS (mm) = "1.00 / 1.00 / 1.00";
REC voxel MPS (mm) = "1.00 / 1.00 / 1.00";
Scan percentage (%) = 99.609375;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "0.516 / 841.8";
TSE es / shot (ms) = "3.7 / 488";
TEeff / TEequiv (ms) = "224 / 104 ";
Min. TR/TI (ms) = "2288 / 50";
Head SAR = "< 13 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "13 %";
Max B1+rms = "0.84 uT";
PNS / level = "81 % / 1st level";
dB/dt = "111.1 T/s";
Sound Pressure Level (dB) = 12.4561338;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 256;
AP (mm) = 256;
RL (mm) = 211;
ACQ voxel size FH (mm) = 1;
AP (mm) = 0.99609375;
RL (mm) = 1;
Recon voxel size FH (mm) = 0.888888896;
AP (mm) = 0.888888896;
RL (mm) = 1;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1;
Reconstruction matrix = 288;
SENSE = "no";
CS-SENSE = "yes";
reduction = 6;
denoising = "system default";
k-t Acceleration = "no";
Stacks = 1;
slices = 211;
slice orientation = "sagittal";
fold-over direction = "AP";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = 4.12284088;
RL (L=+mm) = 1.59694993;
FH (H=+mm) = 15.3569183;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
O-MAR = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "TSE";
3D VIEW = "Brain T2";
shot mode = "multishot";

TSE factor = 133;
startup echoes = 6;
profile order = "linear";
turbo direction = "Y";
DRIVE = "no";
fid reduction = "default";
Echoes = 1;
partial echo = "no";
TE = "shortest";
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 35;
bright fat reduction = "no";
TR = "user defined";
(ms) = 2500;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "default";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "moderate";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 2;
partial NSA = "no";
SMART = "no";
MRE enable = "no";
CENTRA = "no";
Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";

Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "real time";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "04:37.5";
Rel. SNR = 0.814961731;
Act. TR (ms) = "2500";
Act. TE (ms) = "252";
ACQ matrix M x P = "256 x 257";
ACQ voxel MPS (mm) = "1.00 / 1.00 / 1.00";
REC voxel MPS (mm) = "0.89 / 0.89 / 1.00";
Scan percentage (%) = 100.390625;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "0.454 / 957.4";
TSE es / shot (ms) = "3.4 / 474";
TEeff / TEequiv (ms) = "252 / 106 ";
Min. TR (ms) = "499";
Head SAR = "< 9 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "9 %";
Max B1+rms = "0.69 uT";
PNS / level = "80 % / normal";
dB/dt = "82.4 T/s";
Sound Pressure Level (dB) = 19.8685913;

Patient weight [kg] = 0;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV AP (mm) = 200;
RL (mm) = 200;
FH (mm) = 176.399994;
ACQ voxel size AP (mm) = 0.519999981;
RL (mm) = 0.75;
FH (mm) = 1.79999995;
Recon voxel size AP (mm) = 0.5;
RL (mm) = 0.5;
FH (mm) = 1.79999995;
Fold-over suppression = "no";
Slice oversampling = "default";
ENCASE enable = "no";
Reconstruction matrix = 400;
SENSE = "yes";
P reduction (RL) = 2;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 98;
slice orientation = "transverse";
fold-over direction = "RL";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -27.4402771;
RL (L=+mm) = -1.59692764;
FH (H=+mm) = 14.4957952;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "FFE";
3D non-selective = "no";
loop order = "zy_order";
Contrast enhancement = "T1";
Acquisition mode = "cartesian";
Fast Imaging mode = "none";

Echoes = 5;
partial echo = "no";
shifted echo = "no";
TE first = "user defined";
(ms) = 6.71000004;
echospadding = "user defined";
(ms) = 3.91000009;
flyback = "no";
Flip angle (deg) = 15;
TR = "shortest";
Halfscan = "no";
Water-fat shift = "user defined";
(pixels) = 1.60000002;
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "no";
Water suppression = "no";
MTC = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "yes";
fMRI echo stabilisation = "no";
NSA = 1;
MRE enable = "no";
Angio / Contrast enh. = "no";
Quantitative flow = "no";
Manual start = "no";
Dynamic study = "no";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";

B1 field map = "no";
MIP/MPR = "no";
SWIp = "no";
Images = "M", "R", "I", "P";
Autoview image = "no";
Calculated images = "T2*", (3) "no";
T2* clipvalue (ms) = 150;
Reference tissue = "White matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "05:37.2";
Rel. SNR = 1.16736174;
Act. TR/TE1/delta TE (ms) = "26 / 6.7 / 3.9";
ACQ matrix M x P = "384 x 268";
ACQ voxel MPS (mm) = "0.52 / 0.75 / 1.80";
REC voxel MPS (mm) = "0.50 / 0.50 / 1.80";
Scan percentage (%) = 69.7916641;
Act. slice gap (mm) = 0;
Act. WFS (pix) / BW (Hz) = "1.601 / 271.3";
Min. WFS (pix) / Max. BW (Hz) = "0.881 / 493.2";
Min. TR/TE1/delta TE (ms) = "26 / 5.8 / 3.9";
Head SAR = "< 7 %";
Whole body SAR / level = "0.0 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "7 %";
Max B1+rms = "0.63 uT";
PNS / level = "77 % / normal";
dB/dt = "109.1 T/s";
Sound Pressure Level (dB) = 12.0326681;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 240;
AP (mm) = 240;
FH (mm) = 162;
ACQ voxel size RL (mm) = 3.5;
AP (mm) = 3.29999995;
FH (mm) = 4.5;
Recon voxel size RL (mm) = 2.5;
AP (mm) = 2.5;
FH (mm) = 4.5;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1.20000005;
Reconstruction matrix = 96;
SENSE = "yes";
P reduction (AP) = 3;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 36;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -23.5105572;
RL (L=+mm) = -0.861078322;
FH (H=+mm) = -17.9910393;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "GraSE";
3D VIEW = "no";
shot mode = "multishot";
TSE factor = 22;

```
startup echoes = 0;
profile order = "low_high";
turbo direction = "Z";
DRIVE = "no";
3D non-selective = "yes";
EPI factor = 7;
epi direction = "Y";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 9;
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 180;
bright fat reduction = "no";
TR = "user defined";
(ms) = 4900;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "individual";
dyn scans = 1;
dyn scan times = "shortest";
fov time mode = "default";
```

dummy scans = 0;
fast next scan = "no";
dyn stabilization = "no";
prospect. motion corr. = "no";
Keyhole = "no";
Arterial Spin labeling = "pCASL";
label type = "parallel slab";
label distance (mm) = 110.360001;
label location = "F";
label duration = 1800;
post label delay (ms) = 1000;
back. supp. = "auto 2 pulse";
normalized = "no";
phases = 1;
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
ASL source images = "All";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "01:28.2";
Rel. SNR = 1;
Act. TR (ms) = "4900";
Act. TE (ms) = "9.0";
Dyn. scan time = "01:08.6";
ACQ matrix M x P = "68 x 62";
ACQ voxel MPS (mm) = "3.53 / 3.87 / 4.50";
REC voxel MPS (mm) = "2.50 / 2.50 / 4.50";
Scan percentage (%) = 91.3043442;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "2.318 / 187.4";
BW in EPI freq. dir. (Hz) = "1898.9";
TSE es / shot (ms) = "9.0 / 198";
TEeff / TEequiv (ms) = "9 / 9";
Min. TR (ms) = "3333";
Head SAR = "< 73 %";
Whole body SAR / level = "< 0.3 W/kg / normal";
SED = " 0.0 kJ/kg";

Coil Power = "73 %";
Max B1+rms = "2.01 uT";
PNS / level = "52 % / normal";
dB/dt = "87.0 T/s";
Sound Pressure Level (dB) = 11.0857782;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 240;
AP (mm) = 240;
FH (mm) = 162;
ACQ voxel size RL (mm) = 3.5;
AP (mm) = 3.29999995;
FH (mm) = 4.5;
Recon voxel size RL (mm) = 2.5;
AP (mm) = 2.5;
FH (mm) = 4.5;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1.20000005;
Reconstruction matrix = 96;
SENSE = "yes";
P reduction (AP) = 3;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 36;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -23.5105572;
RL (L=+mm) = -0.861078322;
FH (H=+mm) = -17.9910393;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "GraSE";
3D VIEW = "no";
shot mode = "multishot";
TSE factor = 22;

```
startup echoes = 0;
profile order = "low_high";
turbo direction = "Z";
DRIVE = "no";
3D non-selective = "yes";
EPI factor = 7;
epi direction = "Y";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 9;
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 180;
bright fat reduction = "no";
TR = "user defined";
(ms) = 4900;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "individual";
dyn scans = 1;
dyn scan times = "shortest";
fov time mode = "default";
```

dummy scans = 0;
fast next scan = "no";
dyn stabilization = "no";
prospect. motion corr. = "no";
Keyhole = "no";
Arterial Spin labeling = "pCASL";
label type = "parallel slab";
label distance (mm) = 110.360001;
label location = "F";
label duration = 1800;
post label delay (ms) = 1500;
back. supp. = "auto 2 pulse";
normalized = "no";
phases = 1;
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
ASL source images = "All";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "01:28.2";
Rel. SNR = 1;
Act. TR (ms) = "4900";
Act. TE (ms) = "9.0";
Dyn. scan time = "01:08.6";
ACQ matrix M x P = "68 x 62";
ACQ voxel MPS (mm) = "3.53 / 3.87 / 4.50";
REC voxel MPS (mm) = "2.50 / 2.50 / 4.50";
Scan percentage (%) = 91.3043442;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "2.318 / 187.4";
BW in EPI freq. dir. (Hz) = "1898.9";
TSE es / shot (ms) = "9.0 / 198";
TEeff / TEequiv (ms) = "9 / 9";
Min. TR (ms) = "3833";
Head SAR = "< 73 %";
Whole body SAR / level = "< 0.3 W/kg / normal";
SED = " 0.0 kJ/kg";

Coil Power = "73 %";
Max B1+rms = "2.01 uT";
PNS / level = "52 % / normal";
dB/dt = "87.0 T/s";
Sound Pressure Level (dB) = 11.0857782;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 240;
AP (mm) = 240;
FH (mm) = 162;
ACQ voxel size RL (mm) = 3.5;
AP (mm) = 3.29999995;
FH (mm) = 4.5;
Recon voxel size RL (mm) = 2.5;
AP (mm) = 2.5;
FH (mm) = 4.5;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1.20000005;
Reconstruction matrix = 96;
SENSE = "yes";
P reduction (AP) = 3;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 36;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -23.5105572;
RL (L=+mm) = -0.861078322;
FH (H=+mm) = -17.9910393;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "GraSE";
3D VIEW = "no";
shot mode = "multishot";
TSE factor = 22;

```
startup echoes = 0;
profile order = "low_high";
turbo direction = "Z";
DRIVE = "no";
3D non-selective = "yes";
EPI factor = 7;
epi direction = "Y";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 9;
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 180;
bright fat reduction = "no";
TR = "user defined";
(ms) = 4900;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "individual";
dyn scans = 1;
dyn scan times = "shortest";
fov time mode = "default";
```

dummy scans = 0;
fast next scan = "no";
dyn stabilization = "no";
prospect. motion corr. = "no";
Keyhole = "no";
Arterial Spin labeling = "pCASL";
label type = "parallel slab";
label distance (mm) = 110.360001;
label location = "F";
label duration = 1800;
post label delay (ms) = 1750;
back. supp. = "auto 2 pulse";
normalized = "no";
phases = 1;
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
ASL source images = "All";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "01:28.2";
Rel. SNR = 1;
Act. TR (ms) = "4900";
Act. TE (ms) = "9.0";
Dyn. scan time = "01:08.6";
ACQ matrix M x P = "68 x 62";
ACQ voxel MPS (mm) = "3.53 / 3.87 / 4.50";
REC voxel MPS (mm) = "2.50 / 2.50 / 4.50";
Scan percentage (%) = 91.3043442;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "2.318 / 187.4";
BW in EPI freq. dir. (Hz) = "1898.9";
TSE es / shot (ms) = "9.0 / 198";
TEeff / TEequiv (ms) = "9 / 9";
Min. TR (ms) = "4083";
Head SAR = "< 73 %";
Whole body SAR / level = "< 0.3 W/kg / normal";
SED = " 0.0 kJ/kg";

Coil Power = "73 %";
Max B1+rms = "2.01 uT";
PNS / level = "52 % / normal";
dB/dt = "87.0 T/s";
Sound Pressure Level (dB) = 11.0857782;

Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 240;
AP (mm) = 240;
FH (mm) = 162;
ACQ voxel size RL (mm) = 3.5;
AP (mm) = 3.29999995;
FH (mm) = 4.5;
Recon voxel size RL (mm) = 2.5;
AP (mm) = 2.5;
FH (mm) = 4.5;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1.20000005;
Reconstruction matrix = 96;
SENSE = "yes";
P reduction (AP) = 3;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 36;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -23.5105572;
RL (L=+mm) = -0.861078322;
FH (H=+mm) = -17.9910393;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "GraSE";
3D VIEW = "no";
shot mode = "multishot";
TSE factor = 22;

```
startup echoes = 0;
profile order = "low_high";
turbo direction = "Z";
DRIVE = "no";
3D non-selective = "yes";
EPI factor = 7;
epi direction = "Y";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 9;
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 180;
bright fat reduction = "no";
TR = "user defined";
(ms) = 4900;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "default";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
PNS mode = "high";
Gradient mode = "maximum";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "individual";
dyn scans = 1;
dyn scan times = "shortest";
fov time mode = "default";
```

dummy scans = 0;
fast next scan = "no";
dyn stabilization = "no";
prospect. motion corr. = "no";
Keyhole = "no";
Arterial Spin labeling = "pCASL";
label type = "parallel slab";
label distance (mm) = 110.360001;
label location = "F";
label duration = 1800;
post label delay (ms) = 2000;
back. supp. = "auto 2 pulse";
normalized = "no";
phases = 1;
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
ASL source images = "All";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "01:28.2";
Rel. SNR = 1;
Act. TR (ms) = "4900";
Act. TE (ms) = "9.0";
Dyn. scan time = "01:08.6";
ACQ matrix M x P = "68 x 62";
ACQ voxel MPS (mm) = "3.53 / 3.87 / 4.50";
REC voxel MPS (mm) = "2.50 / 2.50 / 4.50";
Scan percentage (%) = 91.3043442;
Act. slice gap (mm) = 0;
WFS (pix) / BW (Hz) = "2.318 / 187.4";
BW in EPI freq. dir. (Hz) = "1898.9";
TSE es / shot (ms) = "9.0 / 198";
TEeff / TEequiv (ms) = "9 / 9";
Min. TR (ms) = "4333";
Head SAR = "< 73 %";
Whole body SAR / level = "< 0.3 W/kg / normal";
SED = " 0.0 kJ/kg";

Coil Power = "73 %";
Max B1+rms = "2.01 uT";
PNS / level = "52 % / normal";
dB/dt = "87.0 T/s";
Sound Pressure Level (dB) = 11.0857782;

Patient weight [kg] = 98;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 240;
AP (mm) = 240;
FH (mm) = 162;
ACQ voxel size RL (mm) = 3.5;
AP (mm) = 3.29999995;
FH (mm) = 4.5;
Recon voxel size RL (mm) = 2.5;
AP (mm) = 2.5;
FH (mm) = 4.5;
Fold-over suppression = "no";
Slice oversampling = "user defined";
oversample factor = 1.20000005;
Reconstruction matrix = 96;
SENSE = "yes";
P reduction (AP) = 3;
S reduction (FH) = 1;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
slices = 36;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -3.39217949;
RL (L=+mm) = -0.407062531;
FH (H=+mm) = 1.32886004;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Multi-chunk = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "3D";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "GraSE";
3D VIEW = "no";
shot mode = "multishot";

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TSE factor =          22;
  startup echoes =    0;
  profile order =     "low_high";
  turbo direction =   "Z";
  DRIVE =             "no";
  3D non-selective =  "yes";
EPI factor =          7;
  epi direction =     "Y";
Echoes =              1;
  partial echo =      "no";
TE =                  "user defined";
  (ms) =              9;
Flip angle (deg) =    90;
Refocusing control =  "constant";
  angle (deg) =       180;
  bright fat reduction = "no";
TR =                  "user defined";
  (ms) =              4900;
Halfscan =            "no";
Water-fat shift =     "maximum";
RF Shims =             "fixed";
Shim =                "auto";
mDIXON =              "no";
Fat suppression =     "SPIR";
  strength =          "strong";
  frequency offset =  "default";
Grad Rev Fat suppr =  "no";
Water suppression =   "no";
BB pulse =            "no";
MTC =                 "no";
APT =                 "no";
Research prepulse =   "no";
MDME =                "no";
Diffusion mode =      "no";
T1 mapping =          "no";
Transmit channels =   "both";
SAR mode =             "high";
B1 mode =              "default";
SAR allow first level = "yes";
  Patient pregnancy =  "no";
  Patient WB SAR [W/kg] = 0;
  Patient Head SAR [W/kg] = 0;
  Patient max. dB/dt [T/s] = 0;
  Max slewrate [T/m/s] = 0;
  Max. B1+rms [uT] =   0;
PNS mode =            "high";
Gradient mode =       "maximum";
SofTone mode =        "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation =   "no";
Motion smoothing =    "no";
```

NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "individual";
 dyn scans = 2;
 dyn scan times = "shortest";
 fov time mode = "default";
 dummy scans = 0;
 immediate subtraction = "no";
 fast next scan = "no";
 synch. ext. device = "no";
 dyn stabilization = "no";
 prospect. motion corr. = "no";
Keyhole = "no";
Arterial Spin labeling = "pCASL";
 label type = "parallel slab";
 label distance (mm) = 110.360001;
 label location = "F";
 label duration = 1800;
 post label delay (ms) = 2500;
 normalized = "yes";
 phases = 1;
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
ASL source images = "All";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
Elliptical k-space shutter = "default";
IF_info_seperator = 1634755923;
Total scan duration = "02:27.0";
Rel. SNR = 71.3669357;
Act. TR (ms) = "4900";
Act. TE (ms) = "9.0";
Dyn. scan time = "00:58.8";
ACQ matrix M x P = "68 x 62";
ACQ voxel MPS (mm) = "3.53 / 3.87 / 4.50";
REC voxel MPS (mm) = "2.50 / 2.50 / 4.50";
Scan percentage (%) = 91.3043442;
Act. slice gap (mm) = 0;

WFS (pix) / BW (Hz) = "2.318 / 187.4";
BW in EPI freq. dir. (Hz) = "1898.9";
TSE es / shot (ms) = "9.0 / 198";
TEeff / TEequiv (ms) = "9 / 9 ";
Min. TR (ms) = "4833";
Head SAR = "< 78 %";
Whole body SAR / level = "< 0.3 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "78 %";
Max B1+rms = "2.08 uT";
PNS / level = "52 % / normal";
dB/dt = "87.0 T/s";
Sound Pressure Level (dB) = 11.0857782;

Patient weight [kg] = 0;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 256;
AP (mm) = 256;
FH (mm) = 162;
ACQ voxel size RL (mm) = 2;
AP (mm) = 2;
Slice thickness (mm) = 2;
Recon voxel size RL (mm) = 2;
AP (mm) = 2;
Fold-over suppression = "no";
Reconstruction matrix = 128;
SENSE = "yes";
P reduction (AP) = 2;
MB SENSE = "yes";
MB Factor = 3;
MB Shift = "default";
RF Phase opt = "default";
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
type = "parallel";
slices = 81;
slice gap = "user defined";
gap (mm) = 0;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "P";
Stack Offc. AP (P=+mm) = -14.4768782;
RL (L=+mm) = 3.6009624;
FH (H=+mm) = 4.33484936;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Minimum number of packages = 1;
Slice scan order = "default";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "MS";
technique = "SE";
Modified SE = "no";

Acquisition mode = "cartesian";
Fast Imaging mode = "EPI";
shot mode = "single-shot";
Echoes = 1;
partial echo = "no";
TE = "shortest";
Flip angle (deg) = 90;
TR = "shortest";
Halfscan = "yes";
factor = 0.600000024;
Water-fat shift = "minimum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "SPIR";
strength = "strong";
frequency offset = "user defined";
offset (Hz) = 175;
Grad Rev Fat suppr = "yes";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "DTI";
sequence = "SE";
gradient expert mode = "no";
gradient overplus = "no";
directional resolution = "from file";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "high";
Gradient mode = "enhanced";
SofTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Temporal slice spacing = "default";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "no";

dyn stabilization = "regular";
Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "White matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
IF_info_seperator = 1634755923;
Total scan duration = "08:00.5";
Rel. SNR = 0.747856021;
Act. TR (ms) = "4695";
Act. TE (ms) = "80";
ACQ matrix M x P = "128 x 126";
ACQ voxel MPS (mm) = "2.00 / 2.03 / 2.00";
REC voxel MPS (mm) = "2.00 / 2.00 / 2.00";
Scan percentage (%) = 98.4375;
Packages = 1;
Min. slice gap (mm) = -0;
User defined DTI scheme =
"volume = 100 (Mayo 20200122 BRINK 2 3T(100,2000));"
EPI factor = 63;
WFS (pix) / BW (Hz) = "17.135 / 25.3";
BW in EPI freq. dir. (Hz) = "2466.0";
SPIR offset act./default (Hz) = "175 [220]";
Head SAR = "< 44 %";
Whole body SAR / level = "< 0.2 W/kg / normal";
SED = "< 0.1 kJ/kg";
Coil Power = "44 %";
Max B1+rms = "1.55 uT";
PNS / level = "97 % / 1st level";
dB/dt = "113.0 T/s";
Sound Pressure Level (dB) = 9.42604637;

Patient weight [kg] = 0;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV RL (mm) = 256;
AP (mm) = 256;
FH (mm) = 162;
ACQ voxel size RL (mm) = 2;
AP (mm) = 2;
Slice thickness (mm) = 2;
Recon voxel size RL (mm) = 2;
AP (mm) = 2;
Fold-over suppression = "no";
Reconstruction matrix = 128;
SENSE = "yes";
P reduction (AP) = 2;
MB SENSE = "yes";
MB Factor = 3;
MB Shift = "default";
RF Phase opt = "default";
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
type = "parallel";
slices = 81;
slice gap = "user defined";
gap (mm) = 0;
slice orientation = "transverse";
fold-over direction = "AP";
fat shift direction = "A";
Stack Offc. AP (P=+mm) = -14.4768782;
RL (L=+mm) = 3.6009624;
FH (H=+mm) = 4.33484936;
Ang. AP (deg) = 0;
RL (deg) = -0;
FH (deg) = -0;
Free rotatable = "no";
Minimum number of packages = 1;
Slice scan order = "default";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "MS";
technique = "SE";
Modified SE = "no";

Acquisition mode = "cartesian";
Fast Imaging mode = "EPI";
shot mode = "single-shot";
Echoes = 1;
partial echo = "no";
TE = "user defined";
(ms) = 86;
Flip angle (deg) = 90;
TR = "shortest";
Halfscan = "yes";
factor = 0.600000024;
Water-fat shift = "minimum";
RF Shims = "fixed";
Shim = "auto";
mDIXON = "no";
Fat suppression = "no";
Grad Rev Fat suppr = "yes";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "DTI";
sequence = "SE";
gradient expert mode = "no";
gradient overplus = "no";
directional resolution = "from file";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "high";
Gradient mode = "enhanced";
SoftTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Temporal slice spacing = "default";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "no";
dyn stabilization = "regular";
Arterial Spin labeling = "no";

Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "White matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
IF_info_seperator = 1634755923;
Total scan duration = "00:27.2";
Rel. SNR = 0.666622877;
Act. TR (ms) = "3005";
Act. TE (ms) = "86";
ACQ matrix M x P = "128 x 126";
ACQ voxel MPS (mm) = "2.00 / 2.03 / 2.00";
REC voxel MPS (mm) = "2.00 / 2.00 / 2.00";
Scan percentage (%) = 98.4375;
Packages = 1;
Min. slice gap (mm) = -0;
User defined DTI scheme = "Reversed (7, 2000)";
EPI factor = 63;
WFS (pix) / BW (Hz) = "16.906 / 25.7";
BW in EPI freq. dir. (Hz) = "2498.9";
Head SAR = "< 63 %";
Whole body SAR / level = "< 0.2 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "62 %";
Max B1+rms = "1.85 uT";
PNS / level = "99 % / 1st level";
dB/dt = "63.8 T/s";
Sound Pressure Level (dB) = 10.9064283;

Patient weight [kg] = 91;
Nucleus = "H1";
SmartSelect = "yes";
Coil 1 (exclude) = "None";
Uniformity = "CLEAR";
FOV FH (mm) = 179;
RL (mm) = 179;
AP (mm) = 60;
ACQ voxel size FH (mm) = 0.400000006;
RL (mm) = 0.399553567;
Slice thickness (mm) = 2;
Recon voxel size FH (mm) = 0.399553567;
RL (mm) = 0.399553567;
Fold-over suppression = "rest";
Reconstruction matrix = 448;
SENSE = "yes";
P reduction (RL) = 2;
CS-SENSE = "no";
k-t Acceleration = "no";
Stacks = 1;
type = "parallel";
slices = 30;
slice gap = "user defined";
gap (mm) = 0;
slice orientation = "coronal";
fold-over direction = "RL";
fat shift direction = "F";
Stack Offc. AP (P=+mm) = 0.386346102;
RL (L=+mm) = 2.88078189;
FH (H=+mm) = -7.13733768;
Ang. AP (deg) = 0;
RL (deg) = 15.1072788;
FH (deg) = -0;
Free rotatable = "no";
Minimum number of packages = 1;
Slice scan order = "default";
O-MAR = "no";
Large table movement = "no";
PlanAlign = "no";
REST slabs = 0;
Interactive positioning = "no";
External control = "no";
Patient position = "head first";
Patient body position = "head first";
Patient orientation = "supine";
Patient body orientation = "supine";
Scan type = "Imaging";
Scan mode = "MS";
technique = "SE";
Modified SE = "no";
Acquisition mode = "cartesian";
Fast Imaging mode = "TSE";
shot mode = "multishot";

TSE factor = 13;
startup echoes = 0;
profile order = "linear";
DRIVE = "no";
ultrashort = "no";
fid reduction = "default";
Echoes = 1;
partial echo = "no";
TE = "shortest";
Flip angle (deg) = 90;
Refocusing control = "constant";
angle (deg) = 120;
bright fat reduction = "no";
TR = "user defined";
(ms) = 8020;
Halfscan = "no";
Water-fat shift = "maximum";
RF Shims = "fixed";
Shim = "default";
mDIXON = "no";
Fat suppression = "no";
Grad Rev Fat suppr = "no";
Water suppression = "no";
BB pulse = "no";
MTC = "no";
APT = "no";
Research prepulse = "no";
MDME = "no";
Diffusion mode = "no";
T1 mapping = "no";
Transmit channels = "both";
SAR mode = "high";
B1 mode = "default";
SAR allow first level = "yes";
Patient pregnancy = "no";
Patient WB SAR [W/kg] = 0;
Patient Head SAR [W/kg] = 0;
Patient max. dB/dt [T/s] = 0;
Max slewrate [T/m/s] = 0;
Max. B1+rms [uT] = 0;
PNS mode = "moderate";
Gradient mode = "maximum";
SoftTone mode = "no";
Cardiac synchronization = "no";
Heart rate > 250 bpm = "no";
Respiratory compensation = "no";
Navigator respiratory comp = "no";
Flow compensation = "no";
Temporal slice spacing = "default";
Motion smoothing = "no";
NSA = 1;
MRE enable = "no";
Manual start = "no";
Dynamic study = "no";

Arterial Spin labeling = "no";
Preparation phases = "auto";
Interactive F0 = "no";
Quick Survey = "default";
SmartPlan survey = "no";
B0 field map = "no";
B1 field map = "no";
MIP/MPR = "no";
Images = "M", (3) "no";
Autoview image = "M";
Calculated images = (4) "no";
Reference tissue = "Grey matter";
Recon compression = "No";
Preset window contrast = "soft";
Reconstruction mode = "immediate";
Save raw data = "no";
Hardcopy protocol = "no";
Image filter = "system default";
Uniformity correction = "no";
Geometry correction = "default";
IF_info_seperator = 1634755923;
Total scan duration = "05:36.8";
Rel. SNR = 0.423276812;
Act. TR (ms) = "8020";
Act. TE (ms) = "53";
ACQ matrix M x P = "448 x 431";
ACQ voxel MPS (mm) = "0.40 / 0.42 / 2.00";
REC voxel MPS (mm) = "0.40 / 0.40 / 2.00";
Scan percentage (%) = 96.2962952;
Packages = 2;
Min. slice gap (mm) = 2;
WFS (pix) / BW (Hz) = "1.354 / 320.7";
TSE es / shot (ms) = "7.5 / 98";
TEeff / TEequiv (ms) = "53 / 47";
Min. TR (ms) = "2802";
Head SAR = "< 34 %";
Whole body SAR / level = "< 0.1 W/kg / normal";
SED = " 0.0 kJ/kg";
Coil Power = "34 %";
Max B1+rms = "1.40 uT";
PNS / level = "69 % / normal";
dB/dt = "106.9 T/s";
Sound Pressure Level (dB) = 5.46872854;