PHILIPS INTERA 3T "SENSE-Head-8"; "SENSE"; Coil selection = element selection = "d"; "no"; connection = Dual coil = "yes"; "no"; CLEAR = body tuned = 230; RL (mm) =230; AP (mm) =FH (mm) =128: 3.58999991; Voxel size RL (mm) =AP (mm) =3.59375; Slice thickness (mm) = 4; 3.59375; "no"; Recon voxel size (mm) = Fold-over suppression = 64; Reconstruction matrix = 'yés": SENSE = P reduction (AP) = 2.00000024; 1; "no"; P os factor = k-t BLAST = Stacks = "parallel"; type = slices = 32; "user defined"; slice gap = gap (mm) =0; "transverse"; slice orientation = "AP"; fold-over direction = fat shift direction = Stack Offc. AP (P=+mm) = -9.82026482; RL (L=+mm) =-2.4874742; 20.1270466; FH (H=+mm) =AP (deg) = RL (deg) = -0.511259973; 10.8807707; Ang. FH (deg) =-4.44921541: 1; "ascend"; "no"; Minimum number of packages = Slice scan order = Large table movement = PlanAlign = "no"; "no"; 0; "no"; REST slabs = Interactive positioning = "head first"; Patient position = "supine" orientation = "Imaging"; Scan type = "MS" Scan mode = "FFE": technique = "no"; Contrast enhancement = Acquisition mode = "cartesian"; "EPI" Fast Imaging mode = shot mode = "single-shot"; 1; "no"; Echoes = partial echo = "no"; shifted echo = "user defined"; 33; 90; (ms) =Flip angle (deg) = "shortest"; "no" Halfscan = "minimum"; Water-fat shift = "auto"; "SPIR";

Shim =

Fat suppression =

Research prepulse =

frequency offset = Water suppression =

strength =

Diffusion mode =

SAR mode =

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"strong"

"no";

"no";

"high";

"default"; "no"; "no";

```
MRI_Protocol_REST.txt
B1 \mod =
                                            default"
                                           "moderate":
PNS mode =
                                           "maximum";
"no";
"no";
Gradient mode =
SofTone mode =
Cardiac synchronization =
                                           "no"
Respiratory compensation =
                                           "no"
Flow compensation =
                                           "equidistant";
"no";
Temporal slice spacing =
fMRI echo stabilisation =
                                           1;
"no"
Angio / Contrast enh. = Quantitative flow =
                                           "no";
                                           "yes"
Manual start =
                                           "individual";
Dynamic study =
     dyn scans =
recon multiplier =
                                           250;
                                           1;
"shortest";
     dyn scan times =
     dummy scans =
                                           "no":
     immediate subtraction =
                                           "no":
     fast next scan =
                                           "yes";
     synch. ext. device =
           start at dyn. =
                                           1;
"yes";
"no";
           interval (dyn) =
     dyn stabilization =
     prospect. motion corr. =
                                           "no";
Keyhole =
                                           "no"
Arterial Spin labeling =
                                           "auto";
Preparation phases =
                                           "no
Manual Offset Freq. =
                                           "no";
SENSE ref. scan =
                                           "no"
SmartPlan survey =
BO field map/Dixon =
B1 field map =
MIP/MPR =
                                           "no"
                                           "no"
                                           " M", (3) " no";
                                           "no"
Images =
Autoview image =
                                           (4) " no"; "White matter";
Calculated images =
Reference tissue =
                                           "no"
EPI 2D phase correction =
                                           "soft"
Preset window contrast =
                                           "real time";
"no";
"no";
Reconstruction mode =
     reuse memory =
Save raw data =
                                           "no":
Hardcopy protocol =
Ringing filtering =
                                           "default";
                                           "default"
Geometry correction =
                                           0;
"07:06.7";
IF_info_seperator =
Total scan duration =
Rel. signal level (%) =
                                           100;
                                           "1667 / 33";
"00:01.7";
Act. TR/TE (ms) = Dyn. scan time =
                                           "64 x 64";
"3.59 / 3.59 / 4.00";
"3.59 / 3.59 / 4.00";
ACQ matrix M x P =
ACQ voxel MPS (mm) =
REC voxel MPS (mm) =
                                           100;
Scan percentage (%) =
Packages =
Min. šlice gap (mm) =
                                          35;

"6.701 / 64.8";

"3208.1";

"6.656 / 65.3";

"1656 / 9.0";

"< 38 % / 1.2 w/kg";

"< 0.1 w/kg / normal";
EPI factor
Act. WFS (pix) / BW (Hz) =
BW in EPI freq. dir. (Hz) =
Min. WFS (pix) / Max. BW (Hz) =
Min. TR/TE (ms) =
SAR / head =
whole body / level =
B1 rms [uT] =
PNS / level =
                                           1.43506896;
"79 % / normal";
25.5403595;
Sound Pressure Level (dB) =
```