

## Details

TA: 5:57    PM: REF    PAT: 2    Voxel size: 0.8×0.8×0.8 mm    Rel. SNR: 1.00    : spc

Slab group 1

FoV read 256 mm

Slabs 1

FoV phase 93.8 %

Slice thickness 0.80 mm

Position Isocenter

TR 3200 ms

Orientation Sagittal

TE 563 ms

Phase enc. dir. A &gt;&gt; P

Averages 1.0

AutoAlign Head &gt; Brain

Concatenations 1

Phase oversampling 0 %

Filter Prescan Normalize

Slice oversampling 0.0 %

Coil elements HEA,HEP

Slices per slab 208

Routine

Contrast

Resolution

Geometry

System

Physio

Inline

Sequence

OK

Cancel

Virtual Coils...

Help

## Details

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## Common

## Dynamic

TR 3200 ms

Fat suppr. None

TE 563 ms

MTC ☐

Blood suppr. Off

Magn. preparation None

Restore magn. ☐

Routine

Contrast

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OK

Cancel

Virtual Coils...

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**Details**

TA: 5:57

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PAT: 2

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Rel. SNR: 1.00

: spc

**Common****Dynamic**

Averages 1.0



Measurements

1



Reconstruction Magnitude



Multiple series

Each measurement



Routine

**Contrast**

Resolution

Geometry

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OK

Cancel

Virtual Coils...

Help

## Details

TA: 5:57 PM: REF PAT: 2 Voxel size: 0.8×0.8×0.8 mm Rel. SNR: 1.00 : spc

Common

iPAT

Filter Image

Filter Rawdata

FoV read 256 mm

FoV phase 93.8 %

Slice thickness 0.80 mm

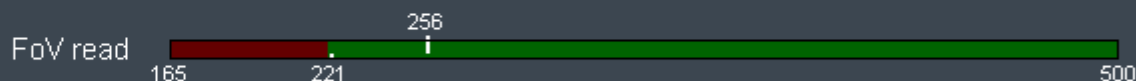
Base resolution 320

Phase resolution 100 %

Slice resolution 100 %

Phase partial Fourier Allowed

Slice partial Fourier Off

Interpolation ☐

Routine

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OK

Cancel

Virtual Coils...

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Common

**iPAT**

Filter Image

Filter Rawdata

PAT mode **GRAPPA** ▼

Accel. factor PE 2 ▼

Reference scan mode Integrated ▼

Ref. lines PE 32 ▼

Accel. factor 3D 1 ▼

Routine

Contrast

**Resolution**

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OK

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Virtual Coils...

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Common

iPAT

Filter Image

Filter Rawdata

Image Filter



Prescan Normalize



Unfiltered images



With "Unfiltered images" checked, you will get two scan reconstructions (each as a separate Series on the scanner) -- one with Prescan Normalize applied, and one without.

Normalize



B1 filter



Distortion Corr.



Routine

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OK

Cancel

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Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

Common

iPAT

Filter Image

Filter Rawdata

Raw filter



Elliptical filter



Routine

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OK

Cancel

Virtual Coils...

Help

## Details

TA: 5:57

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Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

## Common

## Saturation

## Navigator

Slab group 1

FoV read 256 mm

Slabs 1

FoV phase 93.8 %

Slice thickness 0.80 mm

Position Isocenter

TR 3200 ms

Orientation Sagittal

Phase enc. dir. A &gt;&gt; P

Phase oversampling 0 %

Series Interleaved

Slice oversampling 0.0 %

Concatenations 1

Slices per slab 208

Routine

Contrast

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OK

Cancel

Virtual Coils...

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Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

Common

**Saturation**

Navigator

Fat suppr. None



Sat. region



Restore magn.



Special sat. None



Routine

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Resolution

**Geometry**

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OK

Cancel

Virtual Coils...

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TA: 5:57

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: spc

Common

Saturation

**Navigator**

Navigator



Routine

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Resolution

**Geometry**

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OK

Cancel

Virtual Coils...

Help

## Details

TA: 5:57

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PAT: 2

Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

Coils

Miscellaneous

Adjustments

Adjust Volume

pTx Volumes

Tx/Rx



HEA

HEP

Body

Routine

Contrast

Resolution

Geometry

System

Physio

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OK

Cancel

Virtual Coils...

Help

**Details**

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Coils

**Miscellaneous**

Adjustments

Adjust Volume

pTx Volumes

Tx/Rx

Coil Combine Mode Adaptive Combiner

Positioning mode REF

Save uncombined ☐

Table position H 0 mm

Matrix Optimization Off

Coil Focus Flat

**Image Numbering**

MSMA S - C - T

Sagittal R &gt;&gt; L

Coronal A &gt;&gt; P

Transversal F &gt;&gt; H

AutoAlign Head &gt; Brain

Coil Select Mode Off - All

Routine

Contrast

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Geometry

**System**

Physio

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OK

Cancel

Virtual Coils...

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**Details**

TA: 5:57    PM: REF    PAT: 2    Voxel size: 0.8×0.8×0.8 mm    Rel. SNR: 1.00    : spc

**Coils****Miscellaneous****Adjustments****Adjust Volume****pTx Volumes****Tx/Rx**B0 Shim mode **Standard** ▼B1 Shim mode **TrueForm** ▼Adjustment Tolerance **Auto** ▼Adjust with body coil ☐Confirm freq. adjustment ☐Assume Dominant Fat ☐Assume Silicone ☐

Tx Ref [Nucleus]    Ref.

? Ref. amplitude 1H    0.000

**Reset****Routine****Contrast****Resolution****Geometry****System****Physio****Inline****Sequence****OK****Cancel****Virtual Coils...****Help**

## Details

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Coils

Miscellaneous

Adjustments

Adjust Volume

pTx Volumes

Tx/Rx

! Position L0.0 P3.0 H6.0



! Orientation T &gt; C-20.0



! Rotation 0.00

deg

! R &gt;&gt; L 208

mm

! A &gt;&gt; P 208

mm

! F &gt;&gt; H 144

mm

Reset

Adjust Volume set to match the FOV and positioning of the SpinEchoFieldMap (so that the T2w scan will be acquired with the same shim currents). But, for this to work, you need to select "Manual" on the Scan Assistant window that will pop-up when you open this scan.

Routine

Contrast

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Geometry

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Physio

Inline

Sequence

OK

Cancel

Virtual Coils...

Help

\\USER\\head\\Harms\\CCF\_Prisma\\T2w\_SPC

**Details**

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Coils

Miscellaneous

Adjustments

Adjust Volume

**pTx Volumes**

Tx/Rx

B1 Shim mode

TrueForm



pTx Volume



+

-

Excitation

Non-sel.



Routine

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**System**

Physio

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Sequence

OK

Cancel

Virtual Coils...

Help

## Details

TA: 5:57 PM: REF PAT: 2 Voxel size: 0.8×0.8×0.8 mm Rel. SNR: 1.00 : spc

Coils

Miscellaneous

Adjustments

Adjust Volume

pTx Volumes

Tx/Rx

## Transmitter

## Receiver

Frequency 1H 123.257575 MHz

? Ref. amplitude 1H 0.000 V

Correction factor 1

Gain High

Img. Scale. Cor. 5.000

Puls Amplitude V

SPC\_nsExc 1H 221.667

SPC\_RefocVFL 1H 269.651

Bumped "Img. Scale. Cor." up to 5 to  
make better use of the 0-4095 dynamic  
range in the output DICOMS.

Reset

Routine

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OK

Cancel

Virtual Coils...

Help



**Details**

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**Signal1**

Cardiac

PACE

1st Signal/Mode

None

Trigger delay

0

ms

TR

3200

ms

Concatenations

1

Routine

Contrast

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Geometry

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Physio

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Sequence

OK

Cancel

Virtual Coils...

Help

## Details

TA: 5:57

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Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

Signal1

Cardiac

PACE

FoV read 256 mm

FoV phase 93.8 %

Phase resolution 100 %

Magn. preparation None

Fat suppr. None

Dark blood ☐

Routine

Contrast

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Geometry

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Sequence

OK

Cancel

Virtual Coils...

Help

**Details**

TA: 5:57    PM: REF    PAT: 2    Voxel size: 0.8×0.8×0.8 mm    Rel. SNR: 1.00    : spc

Signal1

Cardiac

**PACE**

Resp. control

Off

Concatenations

1

Routine

Contrast

Resolution

Geometry

System

**Physio**

Inline

Sequence

OK

Cancel

Virtual Coils...

Help

**Details**

TA: 5:57

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PAT: 2

Voxel size: 0.8×0.8×0.8 mm

Rel. SNR: 1.00

: spc

**Common****MIP**

Subtract



StdDev



Measurements

1



Save original images



Routine

Contrast

Resolution

Geometry

System

Physio

**Inline**

Sequence

OK

Cancel

Virtual Coils...

Help

**Details**

TA: 5:57

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Rel. SNR: 1.00

: spc

**Common****MIP**MIP-Sag ☐MIP-Cor ☐MIP-Tra ☐MIP-Time ☐Save original images ☒

Routine

Contrast

Resolution

Geometry

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Physio

**Inline**

Sequence

OK

Cancel

Virtual Coils...

Help

## Details

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Part 1

Part 2

Introduction



Dimension

3D



Bandwidth

744



Hz/Px

Elliptical scanning



Flow comp.

No



Allowed delay

0



s

Reordering

Linear



Echo spacing

3.52



ms

Adiabatic-mode



Routine

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System

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Inline

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OK

Cancel

Virtual Coils...

Help

## Details

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Part 1

Part 2

Turbo factor

314

RF pulse type

Fast

Gradient mode

Performance

Excitation

Non-sel.

Flip angle mode

T2 var

Echo train duration

1102

ms

Routine

Contrast

Resolution

Geometry

System

Physio

Inline

Sequence

OK

Cancel

Virtual Coils...

Help