

# Bony Pelvis Nonspecific SIGNA Architect

## Technical Instructions

**3-Plane Loc**

**Cor T1 DL**

**Cor FSTIR DL**

**Ax T1 DL**

**Ax T2 Fat DL**

**--RT HIP--**

**RT-Sag PD Fat DL**

**RT-Cor T2 Fat DL**

**--LT HIP--**

**LT-Sag PD Fat DL**

**LT-Cor T2 Fat DL**

**--add for Labrum--**

**Obl AX PD Fat DL**

**--BILAT HIPS--**

**RT-Sag PD Fat DL**

**LT-Sag PD Fat DL**

**--Synovitis (lg fov, thinner slices)--**

**Pre Ax T1 Fat DL**

**+C Cor T1 Fat DL**

**+C Ax T1 Fat DL**

# 3-Plane Loc

Details tab

Protocol notes

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## 3-Plane Loc

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS, ARC
Pulse Sequence:	Spin Echo
ARC Phase:	2.00

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### Image Recon

Recon DL Strength:	Off
Intensity Correction:	NONE
Intensity Filter:	None
Save Original:	Off

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### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0
No Phase Wrap:	1.00

## **ACQ TIMING**

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256
Phase:	128
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective

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## **SCAN TIMING**

TE:	80.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Pelvis
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## **USER CVS**

User CV1:	1.00
User CV2:	240.00

**User CV13:**

**1.00**

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**Non-Viewable Parameters**

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# Cor T1 DL

Details tab

Protocol notes

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## Cor T1 DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	PURE
Intensity Filter:	None
Save Original:	Off

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### SCAN RANGE

FOV:	35.0
Slice Thickness:	4.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	12

**No Phase Wrap:** 1.50

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**ACQ TIMING**

Acq Voxel Size: 1.1 X 1.2 X 4.0  
Freq: 320  
Phase: 288  
Freq DIR: S/I  
NEX: 1.00  
Phase FOV: 1.00  
Auto Shim: Auto  
Phase Correct: Off  
RF Drive Mode: Preset  
Excitation Mode: Selective  
Fat Shift DIR: Normal (S)

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**SCAN TIMING**

Flip Angle: 111.0  
TE: 20.0  
Number of Echoes: 1  
TR: 800.0  
Echo Train Length: 4  
Receiver Bandwidth: 83.33

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**CONTRAST**

Contrast Yes/No: No

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**OTHERS**

Anatomical Region: Pelvis

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**USER CVS**

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

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**Non-Viewable Parameters**

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# Cor FSTIR DL

Details tab

Protocol notes

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## Cor FSTIR DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, TRF, Fast, ZIP512, ARC, IrP
Pulse Sequence:	FSE-XL

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	NONE
Intensity Filter:	None
Save Original:	Off

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### SCAN RANGE

FOV:	40.0
Slice Thickness:	4.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	29

**No Phase Wrap:**

**1.35**

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**ACQ TIMING**

Acq Voxel Size:	1.0 X 1.3 X 4.0
Freq:	416
Phase:	320
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

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**SCAN TIMING**

Flip Angle:	111.0
TE:	44.0
Number of Echoes:	1
TR:	8306.0
TI:	180
Echo Train Length:	13
Receiver Bandwidth:	62.50

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**CONTRAST**

Contrast Yes/No:	No
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**OTHERS**

Anatomical Region:	Pelvis
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## ***USER CVS***

User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV28:	None
User CV29:	None
TR Min:	2000.0
TR Max:	15000.0

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## **Non-Viewable Parameters**

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# Ax T1 DL

Details tab

Protocol notes

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## Ax T1 DL

### PATIENT POSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	PURE
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	35.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	11

**No Phase Wrap:** 1.00

---

**ACQ TIMING**

Acq Voxel Size: 1.1 X 1.2 X 5.0  
Freq: 320  
Phase: 288  
Freq DIR: S/I  
NEX: 1.00  
Phase FOV: 0.90  
Auto Shim: Auto  
Phase Correct: Off  
RF Drive Mode: Preset  
Excitation Mode: Selective  
Fat Shift DIR: Normal (S)

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**SCAN TIMING**

Flip Angle: 111.0  
TE: 20.0  
Number of Echoes: 1  
TR: 800.0  
Echo Train Length: 4  
Receiver Bandwidth: 83.33

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**CONTRAST**

Contrast Yes/No: No

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**OTHERS**

Anatomical Region: Pelvis

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**USER CVS**

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

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**Non-Viewable Parameters**

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# Ax T2 Fat DL

Details tab

Protocol notes

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## Ax T2 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

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### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	PURE
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	35.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
No Phase Wrap:	1.00

## **ACQ TIMING**

Acq Voxel Size:	0.8 X 1.1 X 5.0
Freq:	420
Phase:	320
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

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## **SCAN TIMING**

Flip Angle:	111.0
TE:	85.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	20
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Pelvis
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***Fat/Water Saturation:***

***Fat***

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**USER CVS**

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

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**Non-Viewable Parameters**

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# --RT HIP--

Details tab

Protocol notes

## --RT HIP--

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS
Pulse Sequence:	Spin Echo

### Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

### ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256

**Phase:** 128  
Freq DIR: Unswap  
# of Acq. Before Pause: 0  
Phase FOV: 1.00  
Auto Shim: Auto  
Phase Correct: Off  
RF Drive Mode: Quadrature

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### SCAN TIMING

TE: 80.0  
TR: Minimum  
Receiver Bandwidth: 62.50

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### CONTRAST

Contrast Yes/No: No

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### OTHERS

Anatomical Region: Pelvis

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### GATING/TRIGGER

Auto Trigger Type: Off

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### USER CVS

User CV1: 1.0  
User CV2: 240.00  
User CV13: 1.00  
TR Min: -

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**TR Max:**

-

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**Non-Viewable Parameters**

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# RT-Sag PD Fat DL

Details tab

Protocol notes

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## RT-Sag PD Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.30

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### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.50

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## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.6 X 4.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

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## **SCAN TIMING**

Flip Angle:	111.0
TE:	25.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	12
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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***Fat/Water Saturation:***

***Fat Classic***

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**USER CVS**

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV41:	None

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**Non-Viewable Parameters**

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# RT-Cor T2 Fat DL

Details tab

Protocol notes

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## RT-Cor T2 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	20.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	2.00

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.8 X 4.0
Freq:	320
Phase:	256
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

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## **SCAN TIMING**

Flip Angle:	111.0
TE:	60.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	16
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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## **SAT**

Fat/Water Saturation: Fat Classic

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### **USER CVS**

User CV6:	None
User CV7:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV41:	None

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### **Non-Viewable Parameters**

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# --LT HIP--

Details tab

Protocol notes

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## --LT HIP--

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS
Pulse Sequence:	Spin Echo

---

### Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

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### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

---

### ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256

<b>Phase:</b>	<b>128</b>
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

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### **SCAN TIMING**

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

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### **CONTRAST**

Contrast Yes/No:	No
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### **OTHERS**

Anatomical Region:	Hip joint
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### **GATING/TRIGGER**

Auto Trigger Type:	Off
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### **USER CVS**

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00
TR Min:	-

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**TR Max:**

-

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**Non-Viewable Parameters**

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# LT-Sag PD Fat DL

Details tab

Protocol notes

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## LT-Sag PD Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

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### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.30

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.50

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.6 X 4.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	25.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	12
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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***Fat/Water Saturation:***

***Fat Classic***

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**USER CVS**

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV41:	None

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**Non-Viewable Parameters**

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# LT-Cor T2 Fat DL

Details tab

Protocol notes

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## LT-Cor T2 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	20.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	2.00

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.8 X 4.0
Freq:	320
Phase:	256
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	60.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	16
Receiver Bandwidth:	62.50

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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## **SAT**

Fat/Water Saturation: Fat Classic

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### **USER CVS**

User CV6:	None
User CV7:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV41:	None

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### **Non-Viewable Parameters**

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# --add for Labrum--

Details tab

Protocol notes

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## --add for Labrum--

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS
Pulse Sequence:	Spin Echo

---

### Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

---

### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

---

### ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256

<b>Phase:</b>	<b>128</b>
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

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### **SCAN TIMING**

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

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### **CONTRAST**

Contrast Yes/No:	No
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### **OTHERS**

Anatomical Region:	Hip joint
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### **GATING/TRIGGER**

Auto Trigger Type:	Off
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### **USER CVS**

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00
TR Min:	-

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**TR Max:**

-

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**Non-Viewable Parameters**

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# Obl AX PD Fat DL

Details tab

Protocol notes

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## Obl AX PD Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR
Pulse Sequence:	FSE-XL

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	On

---

### SCAN RANGE

FOV:	22.0
Slice Thickness:	3.00
Slice Spacing:	0.3
Overlap Locations:	0
No Phase Wrap:	1.50

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.9 X 3.0
Freq:	384
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	42.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	6
Receiver Bandwidth:	50.00

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## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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## **SAT**

***Fat/Water Saturation:***

***Fat Classic***

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**USER CVS**

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	2500.0
TR Max:	11000.0

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**Non-Viewable Parameters**

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# --BILAT HIPS--

Details tab

Protocol notes

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## --BILAT HIPS--

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS
Pulse Sequence:	Spin Echo

---

### Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

---

### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

---

### ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256

<b>Phase:</b>	<b>128</b>
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

---

### **SCAN TIMING**

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

---

### **CONTRAST**

Contrast Yes/No:	No
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### **OTHERS**

Anatomical Region:	Hip joint
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### **GATING/TRIGGER**

Auto Trigger Type:	Off
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### **USER CVS**

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00
TR Min:	-

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**TR Max:**

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**Non-Viewable Parameters**

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# RT-Sag PD Fat DL

Details tab

Protocol notes

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## RT-Sag PD Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.30

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.50

---

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.8 X 4.0
Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	1.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	25.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	8
Receiver Bandwidth:	41.67

---

## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Hip joint
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***Fat/Water Saturation:***

***Fat Classic***

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**USER CVS**

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV41:	None

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**Non-Viewable Parameters**

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# LT-Sag PD Fat DL

Details tab

Protocol notes

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## LT-Sag PD Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.30

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.50

## **ACQ TIMING**

Acq Voxel Size:	0.6 X 0.8 X 4.0
Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	1.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	25.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	8
Receiver Bandwidth:	41.67

---

## **CONTRAST**

Contrast Yes/No:	No
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---

## **OTHERS**

Anatomical Region:	Hip joint
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---

***Fat/Water Saturation:***

***Fat Classic***

---

**USER CVS**

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV41:	None

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**Non-Viewable Parameters**

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# --Synovitis (lg fov, thinner slices)--

Details tab

Protocol notes

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## --Synovitis (lg fov, thinner slices)--

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	3-PLANE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS
Pulse Sequence:	Spin Echo

---

### Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

---

### SCAN RANGE

FOV:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

---

### ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256

<b>Phase:</b>	<b>128</b>
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

---

### **SCAN TIMING**

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

---

### **CONTRAST**

Contrast Yes/No:	No
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### **OTHERS**

Anatomical Region:	Hip joint
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### **GATING/TRIGGER**

Auto Trigger Type:	Off
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### **USER CVS**

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00
TR Min:	-

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**TR Max:**

-

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**Non-Viewable Parameters**

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# Pre Ax T1 Fat DL

Details tab

Protocol notes

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## Pre Ax T1 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, TRF, Fast, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	35.0
Slice Thickness:	4.00
Slice Spacing:	0.5
Overlap Locations:	0
No Phase Wrap:	1.00

## **ACQ TIMING**

Acq Voxel Size:	1.1 X 1.4 X 4.0
Freq:	320
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Slice
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	18.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

---

## **CONTRAST**

Contrast Yes/No:	No
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## **OTHERS**

Anatomical Region:	Pelvis
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## **SAT**

Fat/Water Saturation: Fat

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## **USER CVS**

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV29:	None
User CV41:	None

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**Non-Viewable Parameters**

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# +C Cor T1 Fat DL

Details tab

Protocol notes

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## +C Cor T1 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	35.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	24

**No Phase Wrap:** 1.50

---

### **ACQ TIMING**

Acq Voxel Size: 1.1 X 1.4 X 4.0  
Freq: 320  
Phase: 256  
Freq DIR: S/I  
NEX: 1.00  
# of Acq. Before Pause: 0  
Phase FOV: 1.00  
Auto Shim: Auto  
Phase Correct: On  
RF Drive Mode: Preset  
Excitation Mode: Selective  
Fat Shift DIR: Normal (I)

---

### **SCAN TIMING**

Flip Angle: 111.0  
TE: 18.0  
Number of Echoes: 1  
TR: 800.0  
Echo Train Length: 4  
Receiver Bandwidth: 62.50

---

### **CONTRAST**

Contrast Yes/No: Yes

---

### **OTHERS**

**Anatomical Region:**

**Hip joint**

---

**SAT**

Fat/Water Saturation:

Fat

---

**USER CVS**

User CV6:

None

User CV9:

None

User CV15:

None

User CV16:

None

User CV18:

None

User CV19:

1.00

User CV21:

1.00

User CV41:

None

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**Non-Viewable Parameters**

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# +C Ax T1 Fat DL

Details tab

Protocol notes

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## +C Ax T1 Fat DL

### PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

---

### IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, TRF, Fast, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

---

### Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

---

### SCAN RANGE

FOV:	35.0
Slice Thickness:	4.00
Slice Spacing:	0.5
Overlap Locations:	0
No Phase Wrap:	1.00

---

## **ACQ TIMING**

Acq Voxel Size:	1.1 X 1.4 X 4.0
Freq:	320
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Slice
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

---

## **SCAN TIMING**

Flip Angle:	111.0
TE:	18.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

---

## **CONTRAST**

Contrast Yes/No:	Yes
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---

## **OTHERS**

Anatomical Region:	Pelvis
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---

## **SAT**

Fat/Water Saturation: Fat

---

## **USER CVS**

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV29:	None
User CV41:	None

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**Non-Viewable Parameters**

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