

Thigh/Calf Tumor Single 1.5T

Technical Instructions

--power inj/subtractions--

3pl loc

Cor STIR DL

Sag STIR DL

Ax T2 Fat DL

Ax T1 DL

Cor T1 DL

Ax T1 Lava-Flex Pre

Ax T1 Lava-Flex 2min

Cor T1 Lava-Flex

Sag T1 Lava-Flex

+c Ax T1 Fat DL

--power inj/subtractions--

Detailstab

Protocolnotes

--power inj/subtractions--

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: 3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 48.0
Slice Thickness: 8.00
Slice Spacing: 5.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	1.9 X 2.1 X 8.0
Freq:	256
Phase:	224
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

TE:	Minimum
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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USERCVS

User CV1:	1.00
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3pl loc

Detailstab

Protocolnotes

3pl loc

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: 3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 48.0
Slice Thickness: 8.00
Slice Spacing: 5.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	1.9 X 2.1 X 8.0
Freq:	256
Phase:	224
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

TE:	Minimum
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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USERCVS

User CV1:	1.00
User CV39:	1.00

Detailstab

Protocolnotes

Cor STIR DL**PATIENTPOSITION**

Coil Configuration: GE30chAirAA, GE40chGEMPA
 Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D
 Imaging Options: FC, Seq, EDR, TRF, Fast, ARC, IrP
 Pulse Sequence: FSE-XL
 PSD Name: fse-xl
 ARC Phase: 2.00

ImageRecon

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

SCANRANGE

FOV: 20.0
 Slice Thickness: 4.00
 Slice Spacing: 1.0
 Overlap Locations: 0
 Number of Slices: 27

No Phase Wrap: 2.00

ACQTIMING

Acq Voxel Size: 0.6 X 0.9 X 4.0
Freq: 320
Phase: 224
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
Flow Comp Direction: Freq
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCANTIMING

Flip Angle: 160.0
TE: 42.0
Number of Echoes: 1
TR: 7379.0
TI: 150
Echo Train Length: 13
Receiver Bandwidth: 41.67

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Hip joint

SAT

SAT Location S: Default

SAT Location I: Default

USERCVS

User CV15: None

User CV18: 1.00

User CV21: 1.00

User CV26: 1.00

TR Min: 2000.0

TR Max: 15000.0

Non-Viewable Parameters

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Sag STIR DL

Detailstab

Protocolnotes

Sag STIR DL

PATIENTPOSITION

Coil Configuration:	GE30chAirAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGINGPARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, Seq, EDR, TRF, Fast, ARC, IrP
Pulse Sequence:	FSE-XL
PSD Name:	fse-xl
ARC Phase:	2.00

ImageRecon

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

SCANRANGE

FOV:	20.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	27

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size: 0.6 X 0.9 X 4.0
Freq: 320
Phase: 224
Freq DIR: S/I
NEX: 1.00
Phase FOV: 0.70
Auto Shim: Auto
Phase Correct: On
Flow Comp Direction: Freq
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCANTIMING

Flip Angle: 160.0
TE: 42.0
Number of Echoes: 1
TR: 7379.0
TI: 150
Echo Train Length: 13
Receiver Bandwidth: 41.67

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Hip joint

SAT

SAT Location S: Default

SAT Location I: Default

USERCVS

User CV15: None

User CV18: 1.00

User CV21: 1.00

User CV26: 1.00

TR Min: 2000.0

TR Max: 15000.0

Non-Viewable Parameters

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Ax T2 Fat DL

Detailstab

Protocolnotes

Ax T2 Fat DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 20.0
Slice Thickness: 5.00
Slice Spacing: 1.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.7 X 0.8 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	65.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	8
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Leg

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6:	None
User CV9:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00

Non-Viewable Parameters

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Ax T1 DL

Detailstab

Protocolnotes

Ax T1 DL

PATIENTPOSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	20.0
Slice Thickness:	5.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	0.7 X 0.8 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Leg

USERCVS

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

Non-Viewable Parameters

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Cor T1 DL

Detailstab

Protocolnotes

Cor T1 DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ARC

Pulse Sequence: FSE-XL

ARC Phase: 1.50

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 20.0

Slice Thickness: 4.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 2.00

ACQTIMING

Acq Voxel Size:	0.7 X 0.8 X 4.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Leg

USERCVS

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

Non-Viewable Parameters

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Ax T1 Lava-Flex Pre

Detailstab

Protocolnotes

Ax T1 Lava-Flex Pre

PATIENTPOSITION

Coil Configuration:	GE30chAirAA, GE40chGEMPA
Plane:	AXIAL

IMAGINGPARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ARC, Flex
Pulse Sequence:	LAVA
IDEAL:	15
ARC Phase:	2.00
ARC Slice:	1.00

ImageRecon

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

SCANRANGE

FOV:	26.0
Slice Thickness:	1.50
Slices per Slab:	172
Overlap Locations:	0

No Slab Wrap:	1.04
No Phase Wrap:	1.00
Slice Resolution(%):	50.00

ACQTIMING

Acq Voxel Size:	1.0 X 1.2 X 1.5
Freq:	260
Phase:	220
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	15.0
TE:	Min Full
Number of Echoes:	2
Receiver Bandwidth:	90.91

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

3D Geometry Correction:	On
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Anatomical Region:

Rectum

USERCVS

User CV4:	None
User CV6:	1.00
User CV13:	None
User CV16:	None
User CV30:	1.00
User CV34:	70.00

Non-Viewable Parameters

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Ax T1 Lava-Flex 2min

Detailstab

Protocolnotes

Ax T1 Lava-Flex 2min

PATIENTPOSITION

Coil Configuration: GE30chAirAA, GE40chGEMPA
Plane: AXIAL

IMAGINGPARAMETERS

Imaging Mode: 3D
Imaging Options: EDR, Fast, ARC, Flex
Pulse Sequence: LAVA
IDEAL: 3
ARC Phase: 2.00
ARC Slice: 1.00

ImageRecon

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

SCANRANGE

FOV: 26.0
Slice Thickness: 1.50
Slices per Slab: 172
Overlap Locations: 0

No Slab Wrap:	1.04
No Phase Wrap:	1.00
Slice Resolution(%):	50.00

ACQTIMING

Acq Voxel Size:	1.0 X 1.2 X 1.5
Freq:	260
Phase:	220
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	15.0
TE:	Min Full
Number of Echoes:	2
Receiver Bandwidth:	90.91

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

3D Geometry Correction:	On
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Anatomical Region:

Rectum

USERCVS

User CV4:	None
User CV6:	1.00
User CV13:	None
User CV16:	None
User CV30:	1.00
User CV34:	70.00

Non-Viewable Parameters

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Cor T1 Lava-Flex

Detailstab

Protocolnotes

Cor T1 Lava-Flex

PATIENTPOSITION

Coil Configuration: GE30chAirAA, GE40chGEMPA

Plane: CORONAL

IMAGINGPARAMETERS

Imaging Mode: 3D

Imaging Options: EDR, Fast, ARC, Flex

Pulse Sequence: LAVA

IDEAL: 3

ARC Phase: 2.00

ARC Slice: 1.00

ImageRecon

Recon DL Strength: Off

Intensity Correction: PURE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 26.0

Slice Thickness: 1.50

Slices per Slab: 172

Overlap Locations: 0

No Slab Wrap:	1.04
No Phase Wrap:	1.00
Slice Resolution(%):	50.00

ACQTIMING

Acq Voxel Size:	1.0 X 1.2 X 1.5
Freq:	260
Phase:	220
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	15.0
TE:	Min Full
Number of Echoes:	2
Receiver Bandwidth:	90.91

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

3D Geometry Correction:	On
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Anatomical Region:

Rectum

USERCVS

User CV4:	None
User CV6:	1.00
User CV13:	None
User CV16:	None
User CV30:	1.00
User CV34:	70.00

Non-Viewable Parameters

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Sag T1 Lava-Flex

Detailstab

Protocolnotes

Sag T1 Lava-Flex

PATIENTPOSITION

Coil Configuration:	GE30chAirAA, GE40chGEMPA
Plane:	SAGITTAL

IMAGINGPARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ARC, Flex
Pulse Sequence:	LAVA
IDEAL:	3
ARC Phase:	2.00
ARC Slice:	1.00

ImageRecon

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

SCANRANGE

FOV:	26.0
Slice Thickness:	1.50
Slices per Slab:	172
Overlap Locations:	0

No Slab Wrap:	1.04
No Phase Wrap:	1.00
Slice Resolution(%):	50.00

ACQTIMING

Acq Voxel Size:	1.0 X 1.2 X 1.5
Freq:	260
Phase:	220
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	15.0
TE:	Min Full
Number of Echoes:	2
Receiver Bandwidth:	90.91

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

3D Geometry Correction:	On
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Anatomical Region:

Rectum

USERCVS

User CV4:	None
User CV6:	1.00
User CV13:	None
User CV16:	None
User CV30:	1.00
User CV34:	70.00

Non-Viewable Parameters

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+c Ax T1 Fat DL

Detailstab

Protocolnotes

+c Ax T1 Fat DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 20.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.7 X 0.8 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region: Leg

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6:	None
User CV9:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00

Non-Viewable Parameters

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