

SIEMENS MAGNETOM TrioTim syngo MR B15

Table of contents

\\USER

HEAD

STROKE BRAIN

ROUTINE

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 T1 FL 2D CORONAL
 OPTIONAL
 T1 FL 2D SAGITTAL
 T2 FLAIR SPACE SAGITTAL ISO

GAD BRAIN

ROUTINE

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 T1 FL 2D AXIAL
 Pause
 T1 FL 2D AXIAL POST CON
 T1 FL 2D COR POST CON
 OPTIONAL
 T1 FL 2D SAG POST CON

apps

SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 t2_FLAIR AXIAL-old
 t2_FLAIR AXIAL

TRAUMA BRAIN

ROUTINE

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 T2 FL 3D SWI AXIAL
 T2 HEMO AXIAL
 T1 FL 2D CORONAL

SEIZURE BRAIN

ROUTINE

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 DO CORONAL MPR'S
 T1 TFL 3D MPRAGE SAGITTAL ISO
 T2 FLAIR SPACE SAGITTAL ISO
 T2 TSE CORONAL HIPPOCAMPUS

PITUITARY

DYNAMIC PITUITARY

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 EPI DIFFUSION ADC
 T1 FL 2D CORONAL
 T1 FL 2D SAGITTAL
 CHECK INJECTOR FOR PITUITARY
 contrast_agent
 T1 FL 2D COR DYNAMIC

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HEAD

PITUITARY

DYNAMIC PITUITARY

T1 FL 2D SAG POST CON
T1 FL 2D COR POST CON
T1 FL 2D AXIAL POST CON

NON-DYNAMIC PITUITARY

localizer
T1 FLAIR SAGITTAL
T2 TSE AXIAL
EPI DIFFUSION ADC
T1 FL 2D CORONAL
T1 FL 2D SAGITTAL
contrast_agent
T1 FL 2D SAG POST CON
T1 FL 2D COR POST CON
T1 FL 2D AXIAL POST CON

IAC'S

ROUTINE

localizer
T1 FLAIR SAGITTAL
T2 TSE AXIAL
T2 FLAIR AXIAL
EPI DIFFUSION ADC
T1 FL 2D CORONAL
T2 SPACE AXIAL ISO
T1 FL 2D AXIAL
Pause
T1 FL 2D AXIAL POST W FS
T1 FL 2D COR POST CON W FS
T1 FL 2D AXIAL POST CON

CRANIAL NERVE

ROUTINE

localizer
T1 FLAIR SAGITTAL
T2 TSE AXIAL
T2 FLAIR AXIAL
EPI DIFFUSION ADC
T FL 2D CORONAL
T2 SPACE AXIAL ISO
Pause
T1 FL 2D AXIAL POST W FS
T1 FL 2D COR POST CON W FS
T1 FL 2D AXIAL POST CON

ORBITS

ROUTINE

localizer
T1 FLAIR SAGITTAL
T2 TSE AXIAL
EPI DIFFUSION ADC
T2 TSE CORONAL W FS
T1 FL 2D CORONAL
contrast
T1 FL 2D COR POST CON W FS
T1 FL 2D SAG POST CON W FS RIGHT
T1 FL 2D SAG POST CON W FS LEFT
T1 FL 2D AXIAL POST CON
optional
T2 TSE SAGITTAL W FS

MS BRAIN

ROUTINE

localizer
T1 FLAIR SAGITTAL

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MS BRAIN

ROUTINE

T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 T2 FLAIR SAGITTAL
 T1 FL 2D AXIAL
 Pause
 T1 FL 2D AXIAL POST CON
 T1 FL 2D COR POST CON

COW

ROUTINE

localizer
 FL TOF 3D ANGIO AXIAL

UNCOOPERATIVE

PEDS UNCOOP

LOCALIZER
 SAG T1 BLADE
 AX T2 BLADE
 AX T2 FLAIR BLADE
 AX T1 BLADE PRE
 INJECTION
 AX T1 BLADE POST
 SAG T1 BLADE POST
 AXIAL DIFFUSION MDDW 12-N
 AX DIFFUSION - 128-NEW
 AX SWI P2

standard

localizer
 t1_blade_sag_dark-fl
 t2_blade_tra
 t2_blade_tra_dark-fl
 contrast_agent
 t1_blade_tra_dark-fl
 t1_blade_sag_dark-fl

library

localizer

localizer

T1

t1_se_sag_concat_2
 t1_se_cor_concat_2
 t1_se_tra_concat_2
 t1_tirm_sag_dark-fluid_5mm
 t1_tir_tra_5mm
 t1_fl2d_sag
 t1_fl2d_tra
 t1_fl2d_cor

T2

t2_fl2d_tra_hemo
 t2_tirm_tra_dark-fluid
 t2_tirm_tra_dark-fluid_3mm
 __iPAT__
 t2_tse_tra_320_p2
 t2_haste_tra_p2

PD

pd_tse_tra_320_p2

_3D

T1
 t1_fl3d_tra_iso
 t1_fl3d_sag
 t1_fl3d_sag_pat4_iso
 t1_mpr_ns_sag_iso

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library

_3D

t1_mpr_ns_sag_pat2_iso
 t1_mpr_ns_sag_pat2_iso
 t1_mpr_ns_sag_iso_sella
 t1_vibe_tra
 t1_vibe_tra_pat2
 T2
 t2_psif3d_tra
 t2_ci3d_tra_iso
 t2_tse3d_rst_tra_320_iso

SPACE

__T2__
 t2_spc_tra_p2_iso
 t2_spc_tra_p2
 t2_spc_ns_sag_p2_iso
 t2_spc_ns_sag_p3_iso
 __Dark-Fluid__
 t2_spc_ns_sag_p2_da-fl_iso
 t2_spc_tra_dark-fluid
 t2_spc_ns_sag_p2_da-fl_iso
 __TIR__
 spc_ir_tra_p2
 spc_ir_ns_sag_p2_iso
 __IAC__
 t2_spc_rst_tra_iso

SWI

_____ FAST _____
 t2_fl3d_tra_p2_swi
 _____ STANDARD _____
 t2_fl3d_tra_p2_swi
 _____ HIGH RES _____
 t2_fl3d_tra_p2_swi

BLADE

t1_blade_sag_dark-fl
 t1_blade_tra_dark-fl
 t2_blade_tra
 t2_blade_tra_dark-fl

CLEVELAND CLINIC

W & WO + PERFUSION

localizer
 T1 FLAIR SAGITTAL
 T2 TSE AXIAL
 T2 FLAIR AXIAL
 EPI DIFFUSION ADC
 T2 FL 3D SWI AXIAL
 T1 FL 2D AXIAL
 Pause
 EPI PERFUSION
 T1 FL 2D AXIAL POST CON
 T1 FL 2D SAG POST CON
 T1 FL 2D COR POST CON

SPINE

C-SPINE

ROUTINE

localizer
 T2 TSE SAGITTAL
 T1 FLAIR SAGITTAL
 T2 MEDIC AXIAL
 T2 TSE AXIAL
 OPTIONAL
 T1 TSE SAGITTAL

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SPINE

C-SPINE

ROUTINE

T2 TSE BLADE AXIAL

GAD C-SPINE

localizer

T2 TSE SAGITTAL

T1 FLAIR SAGITTAL

T1 FL 3D VIBE AXIAL

T2 MEDIC AXIAL

T2 TSE AXIAL

Pause

T1 TSE SAGITTAL POST CON

T1 FL 3D VIBE AXIAL POST CON W FS

C-SPINE MS ALL POST

localizer

Pause

T1 TSE SAGITTAL POST CON

T1 FL 3D VIBE AXIAL POST CON W FS

T2 TSE SAGITTAL

T2 MEDIC AXIAL

T2 TSE AXIAL

C-SPINE TRAUMA

localizer

T2 TSE SAGITTAL

T1 FLAIR SAGITTAL

STIR SAGITTAL

T2 MEDIC AXIAL

T2 TSE AXIAL W FS

T-SPINE

ROUTINE

localizer

T1 TSE SAGITTAL 500 FOV

T2 TSE SAGITTAL

T1 TSE SAGITTAL

T2 TSE AXIAL

T1 FL 2D AXIAL

GAD T-SPINE

localizer

T1 TSE SAGITTAL 500 FOV

T2 TSE SAGITTAL

T1 TSE SAGITTAL

STIR SAGITTAL

T2 TSE AXIAL

T1 FL 2D AXIAL

Pause

T1 TSE SAGITTAL POST CON

T1 FL 2D AXIAL POST CON W FS

GAD TSPINE FOR METS

localizer

T1 TSE SAGITTAL 500 FOV

T2 TSE SAGITTAL

T1 FL 2D SAGITTAL OUT PHAS

T1 FL 2D SAGITTAL IN PHASE

STIR SAGITTAL

Pause

T1 FL 2D SAG POST CON W FS

GAD MS T-SPINE

localizer

T1 TSE SAGITTAL 500 FOV

T2 TSE SAGITTAL

T1 TSE SAGITTAL

T2 TSE AXIAL

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SPINE

T-SPINE

GAD MS T-SPINE

Pause
T1 FL 2D SAG POST CON W FS
T1 FL 3D VIBE AXIAL POST CON W FS

L-SPINE

ROUTINE

localizer
T2 TSE SAGITTAL
T1 TSE SAGITTAL
T2 TSE AXIAL
T1 TSE AXIAL
OPTIONAL
T1 FLAIR SAGITTAL
STIR SAGITTAL

GAD L-SPINE

localizer
T2 TSE SAGITTAL
T1 TSE SAGITTAL
T2 TSE AXIAL
T1 TSE AXIAL
Pause
T1 TSE AXIAL POST CON W FS
T1 TSE SAGITTAL POST CON

GAD FS L-SPINE

localizer
T2 TSE SAGITTAL
T1 TSE SAGITTAL
STIR SAGITTAL
T2 TSE AXIAL
T1 TSE AXIAL
Pause
T1 TSE AXIAL POST CON W FS
T1 TSE SAGITTAL POST CON W FS

GAD L-SPINE FOR METS

localizer
T2 TSE SAGITTAL
T1 FL 2D SAGITTAL OUT PHASE
T1 FL 2D SAGITTAL IN PHASE
STIR SAG
T2 TSE AXIAL
T1 TSE AXIAL
Pause
T1 TSE AXIAL POST CON W FAT SAT
T1 TSE SAGITTAL POST CON W FAT SAT

ENTIRE SPINE

ROUTINE

Introduction
___ c-spine ___
localizer_H_0mm
t1_tse_sag_320
t2_tse_rst_sag_320
___ t-spine ___
localizer_F_200mm
t2_tse_rst_sag_320
t1_tse_sag_320
___ l-spine ___
localizer_F_400mm
t2_tse_rst_sag_320
t1_tse_sag_320

SOFT TISSUE NECK

ROUTINE

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SOFT TISSUE NECK

ROUTINE

ROUTINE

localizer
 T2 TSE AXIAL W FS
 T2 FL 2D AXIAL
 STIR CORONAL
 T1 TSE CORONAL
 Pause
 T1 FL 3D VIBE AXIAL POST CON W FS
 T1 TSE CORONAL POST CON W FS

BRACHIAL PLEXUS

ROUTINE

localizer
 t1_tse_AXIAL_p2
 t2_tse_fs_AXIAL
 t2_tirm_cor_p2
 t2_tirm_cor_p2
 t2_tse_COR 2mm
 t2_tse_fs_SAG

CHEST.

ROUTINE

WITH AND WITHOUT

pace_localizer
 T1 FL 2D AXIAL
 T2 HASTE AXIAL W FS
 STIR AXIAL
 T1 TFL 2D CORONAL
 T2 HASTE CORONAL W FS
 STIR CORONAL
 Pause
 T1 FL 2D AXIAL POST CON W FS
 T1 FL 2D CORONAL POST CON W FS

ABDOMEN.

LIVER

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHAS
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST

REVEAL DIFFUSION

__free-breathing__
 DIFFUSION B50, 400, 800
 DIFFUSION DARK VESSEL

KIDNEY

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE SAG POST

MRI MRV

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ABDOMEN.

KIDNEY

MRI MRV

localizer
 T1 FL 2D AXIAL IN OUT PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL W FS
 Flash_Loc
 T1 FL 3D ANGIO CORONAL PRE CON
 INJECTION
 T1 FL 3D VIBE AXIAL POST CON W FS
 T1 FL 3D ANGIO CORONAL POST CON
 T FL 3D VIBE AXIAL POST CON FS
 T1 FL 3D VIBE SAGITTAL POST CON W FS

morphology_dynamic

LOCALIZER
 tfi2d_msl_bh
 MORPHOLOGY_T1
 t1_fl2d_fs_obl_mbh_pat
 MORPHOLOGY_T2
 t2_trufi_obl_bh_pat
 t2_tse_tra_fs_p2_trig_320
 t2_haste_cor_mbh_p3_320
 UROGRAPHY_T2
 t2_spc_rst_cor_p3_iso
 DYNAMIC
 fl2d_sr_dynamic_cor
 tfi2d_sr_dynamic_cor
 fl3d_dynamic_cor_bh
 ANGIOGRAPHY
 fl3d_angio_cor_pat
 UROGRAPHY_T1
 fl3d_uro_cor_pat

PANCREAS

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHAS
 T1 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T2 HASTE CORONAL THICK
 T2 HASTE PARASAGITTAL THICK
 T2 HASTE PARACORONAL THICK
 T2 HASTE CORONAL THIN
 T2 HASTE AXIAL THIN
 TELL PT TO BREATH NORMALLY
 pace_localizer
 T2 SPACE CORONAL ISO
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST

MRCP

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FAT SAT
 T2 HASTE CORONAL THICK
 T2 HASTE PARASAGITTAL THICK

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ABDOMEN.

MRCP

ROUTINE

T2 HASTE PARACORONAL THICK
 T2 HASTE CORONAL THIN
 T2 HASTE AXIAL THIN
 TELL PT TO BREATH NORMALLY
 pace_localizer
 T2 SPACE CORONAL ISO

ADRENAL

ROUTINE

localizer
 T2 TSE AXIAL W FS
 T2 HASTE AXIAL
 T2 HASTE CORONAL
 T1 FL 2D AXIAL IN OPP PHAS
 T1 FL 2D CORO IN OPP PHAS

PELVIS.

FEMALE PELVIS

ROUTINE

localizer
 T2 TSE SAGITTAL
 T2 TSE CORONAL
 T2 TSE AXIAL
 T1 TSE AXIAL
 T2 TSE AXIAL W FS
 T1 FL 3D VIBE AXIAL W FS
 Pause
 T1 FL 3D VIBE AXIAL POST CONTRAST W FS
 T1 FL 3D VIBE SAGITTAL POST CON W FS

RECTAL CA

ROUTINE

localizer
 T2 TSE SAGITTAL
 T2 TSE CORONAL
 T2 TSE AXIAL
 T1 TSE AXIAL
 T2 TSE AXIAL W FS
 T1 FL 3D VIBE AXIAL W FS
 Pause
 T1 FL 3D VIBE AXIAL POST CON W FS
 T1 FL 3D VIBE SAGITTAL POST CON W FS

HEART

localizer

BEAT_TFL_DB_iPAT

DeactivateAutoCoilSelect
 tfl_loc_multi_iPAT
 tfl_loc_multi_iPAT_@c
 tfl_loc_2-chamber_iPAT
 tfl_loc_4-chamber_iPAT
 tfl_loc_short-axis_iPAT

morphology

TSE

TSE
 tse_9_db_t1_iPAT
 tse_17_db_t2_iPAT
 TIRM
 tirm_15_db_t2_iPAT

Haste

haste_16-sl_tra_db_pace
 haste_16-sl_tra_db_2bh
 haste_tra_db_2bh_iPAT

BEAT_Flash

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HEART

morphology

BEAT_Flash
 | f12d_15seg_vfl
 | f12d_9seg_db_iPAT
 BEAT_TrueFisp
 | trufi_singleshots_15sl_iPAT
 | trufi_seg_10sl_iPAT

function

BEAT_Cine_FLASH
 | RETROSPECTIVE GATED CINE
 | f12d9_retro
 | f12d8_retro_iPAT
 | VENTRICULAR VOLUME
 | f12d10_retro_10slices
 | CINE_2D_FLASH_SEG_BH
 | f12d9_pro-trig_iPAT
 BEAT_Cine_TrueFISP
 | CINE_TRUFI_RETROGATED
 | tf2d14_retro_iPAT
 | tf2d18_retro_multi-sl_iPAT
 | tf2d20_retro_iPAT_arryth
 | CINE_TRUFI_SHARED-PHASES
 | tf2d28_3slices_iPAT
 | CINE_TRUFI_RADIAL
 | tf2d16_radial_retro
 | VENTRICULAR VOLUME
 | tf2d18_retro_iPAT_12slices
 | CINE_TRUFI_REAL-TIME
 | tf2d_rt_10slices_trig_iPAT
 BEAT_FrequencyScouts
 | trufi_freqScout_ES2.8
 | trufi_freqScout_ES3.0
 | trufi_freqScout_ES3.2
 | trufi_freqScout_ES3.4
 BEAT_Tagging
 | f12d9_long-axis_lines
 | f12d9_grid

dynamic

BEAT_Turboflash_SR
 | tf1_sr_iPAT_high-res
 | tf1_sr_iPAT_fast

tissue_characterization

BEAT_TI_Scout
 | TI-Scout
 BEAT_Turboflash_IR
 | IR-FLASH_2D_SEGMENTED
 | tf135_t1_psr_segmented
 | tf125_t1_segmented_iPAT
 | IR-FLASH_2D_SINGLE-SHOT
 | tf1_single-shot_multi-slc
 | IR-FLASH_3D
 | f13d65_ir
 | f13d_nav_ir_nonBH
 BEAT_TrueFisp_IR
 | IR-TRUEFISP_2D_SINGLE-SHOT
 | tfi_psr_single-shot_10sl
 | tfi_single-shot_10sl_nonbh
 | IR-TRUEFISP_2D_BREATH-HOLD
 | tfi65_psr_t1_1slice

flow

Throughplane
 | f13_venc-scout_tp_bh_@c

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HEART

flow

Throughplane

f14_150_tp_retro_bh_iPAT@c
f12_150_tp_retro_iPAT_@c
f13_150_tp_pro-trig_@c

Inplane

f14_150_ip_retro_bh_iPAT@c
f13_150_ip_retro_iPAT_@c
f13_150_ip_pro-trig_@c

angiography

BEAT_Localizer

BREATH-HOLD
tfl_loc_multi_iPAT
trufi_freqScout_ES2.9
trufi_singleshot_15sl_iPAT
tf2d14_retro_iPAT

ALTERNATIVE LOCALIZER
f12d_15seg_4sl_vfl

BEAT_Breath-hold_3D

TARGETED_BH
f13d_nav_fs_bh_iPAT
trufi_freqScout_ES3.8
tfl3D_nav_fs_bh

BEAT_Non_Breath-hold_3D

TARGETED_Non-BH
tfl3D_nav_fs_nonbh_iPAT
tfl3D_nav_fs_nonbh
f13d_nav_fs_nonbh

HIPS

AVN HIP

ROUTINE

LOCALIZER AXIAL + COR
T2 STIR CORONAL
T1 TSE CORONAL
T2 STIR AXIAL
PD TSE PARASAG W FS
PD TSE CORONAL W FS

TUMOR PROTOCOL

ROUTINE

localizer
localizer
T2 STIR CORONAL
T1 TSE CORONAL
T1 TSE AXIAL
T2 STIR AXIAL
T2 STIR SAGITTAL
Pause
T1 TSE AXIAL POST CON W FS
T1 TSE CORO POST CON W FS

LOWER EXT LONG BONE

FEMUR

TUMOR PROTOCOL

localizer
localizer
STIR CORONAL
T1 TSE CORONAL
T1 TSE AXIAL
STIR AXIAL
STIR SAGITTAL

TUMOR PROTOCOL PV COIL

localizer

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LOWER EXT LONG BONE

FEMUR

TUMOR PROTOCOL PV COIL
 localizer
 STIR CORONAL
 T1 TSE CORONAL
 T1 TSE AXIAL
 STIR AXIAL
 Pause
 T1 TSE AXIAL POST CON W FS
 T1 TSE CORONAL POST CON W FS

TIB FIB

TUMOR PROTOCOL
 localizer
 localizer
 STIR CORONAL
 T1 TSE CORONAL
 T1 TSE AXIAL
 STIR AXIAL
 STIR SAGITTAL
 Pause
 T1 TSE CORONAL POST CON W FS
 T1 TSE AXIAL POST CON W FS

COMPARTMENT SYNDROME

PRE EXERCISE
 localizer
 localizer
 STIR CORONAL
 T1 TSE CORONAL
 STIR AXIAL
 T1 TSE AXIAL
 POST EXERCISE
 STIR CORONAL POST EXERCISE
 STIR AXIAL POST EXERCISE

ROUTINE

localizer
 localizer
 PD TSE SAGITTAL W FS
 PD TSE SAGITTAL
 T1 TSE CORONAL
 PD TSE AXIAL
 PD TSE AXIAL W FS

RESEARCH

FEMUR

localizer
 localizer
 T1 TSE CORONAL
 T1 TSE AXIAL

TIB FIB

localizer
 localizer
 localizer
 t1_tse_cor_512_p2
 t1_tse_AX_p2

UPPER EXT LONG BONE

HUMERUS

TUMOR PROTOCOL
 localizer
 localizer
 STIR SAGITTAL
 T1 TSE SAGITTAL
 STIR CORONAL
 STIR AXIAL

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UPPER EXT LONG BONE

HUMERUS

TUMOR PROTOCOL

T1 TSE AXIAL

Pause

T1 TSE AXIAL POST CON W FS

FOREARM

TUMOR PROTOCOL

localizer

localizer

localizer

STIR CORONAL

T1 TSE CORONAL

STIR AXIAL

T1 TSE AXIAL

Pause

T1 TSE AXIAL POST CON W FS

T1 TSE CORONAL POST CON W FS

SHOULDER.

ROUTINE

ROUTINE

LOCALIZER AXIAL

LOCALIZER SAG + COR

PD TSE AXIAL W FS

PD TSE BLADE PARACORONAL

PD TSE BLADE PARACORONAL W FS

T2 TSE BLADE PARASAGITTAL W FS

OPTIONAL.....

PD TSE BLADE AXIAL W FS

T2 TSE BLADE AXIAL

PD TSE CORONAL

T2 TSE SAGITTAL W FS

KNEE001

ROUTINE

EIGHT CHANNEL

LOCALIZER AXIAL

LOCALIZER SAG + COR

PD TSE SAGITTAL NO FS

PD TSE SAGITTAL W FS

PD TSE CORONAL NO FS

PD TSE CORONAL W FS

PD TSE AXIAL W FS

OPTIONAL

PD TSE AXIAL THINS

PD TSE BLADE AXIAL W FS

PD TSE BLADE CORONAL

PD TSE BLADE CORONAL W FS

PD TSE BLADE SAGITTAL W FS

ROUTINE

localizer

localizer_sag+cor

PD TSE SAGITTAL W FS

T2 MEDIC 3D SAGITTAL W WATER EXCIT ISO

PD TSE CORONAL

T2 TSE CORONAL W FS

PD TSE AXIAL W FS

OPTIONAL

PD TSE BLADE SAGITTAL W FS

T2 MEDIC 3D SAGITTAL W FS

TUMOR PROTOCOL

localizer

localizer_sag+cor

T1 TSE SAGITTAL

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KNEE001

ROUTINE

TUMOR PROTOCOL
 STIR SAGITTAL
 T1 TSE AXIAL
 STIR AXIAL
 Pause
 T1 TSE SAGITTAL POST CON W FS
 T1 TSE AXIAL POST CON W FS

RIGHT

NEW5-15
 LOCATOR AX RT
 LOC SAG COR RT
 T2 MEDIC FS SAG
 PD FS AX RT
 PD TSE FS COR
 T1 TSE COR 14FOV
 PD SAG RT
 PD TSE FS SAG
 PD TSE FS SAG BLADE
 T2 BLADE AXIAL
 T1 FLAIR BLADE SAG

ROUTINE

AXIAL LOCALIZER
 localizer_sag+cor
 t2_tse_tra_384
 SAG PD FS
 SAG TSE PD
 SAG T2 FS
 COR T2 FS
 SAG T1 SE
 SAG T2
 COR T1
 COR STIR
 AXIAL MEDIC
 t2_tse_tra_384
 PD TSE FS SAG BLADE

LEFT

NEW5-15
 LOCATOR AX LEFT
 LOC SAG COR LEFT
 T2 MEDIC FS SAG
 PD FS AX LT
 PD FS AX LT
 T1 TSE COR LT
 PD SAG LT
 PD TSE FS SAG
 PD TSE FS SAG BLADE
 T2 BLADE AXIAL
 T1 FLAIR BLADE SAG

ROUTINE

AXIAL LOCALIZER
 localizer_sag+cor
 t2_tse_tra_384
 SAG PD FS
 SAG TSE PD
 SAG T2 FS
 COR T2 FS
 SAG T1 SE
 SAG T2
 COR STIR
 COR T1
 AXIAL MEDIC

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KNEE001
  LEFT
    KNEE MK
      AXIAL LOCALIZER
      localizer_sag+cor
      t2_tse_tra FS
      PD SE SAG FC
      sagittal pd dukes #2
      t2_tse_SAG FS
      cor T2 FS
      SAG T1 SE
      PD SAG 512
      PD TSE FS SAG BLADE
    OPTIONAL
      SAG PD FS
      SAG T2 FS

ELBOW.
  COLLATERAL LIGAMENTS
    EIGHT CHANNEL
      LOCALIZER AXIAL
      LOCALIZER SAG + COR + AXIAL
      T1 TSE CORONAL
      PD TSE CORONAL
      PD TSE AXIAL W FAT SAT
      PD TSE SAGITTAL W FAT SAT
    ROUTINE
      localizer
      localizer_sag+cor+tra
      T1 TSE CORONAL
      PD TSE CORONAL W FAT SAT
      PD TSE AXIAL W FAT SAT
      PD TSE SAGITTAL W FAT SAT
      PD TSE BLADE SAGITTAL W FAT SAT
      T2 TSE BLADE AXIAL

WRIST
  TFCC
    EIGHT CHANNEL
      localizer_tra
      localizer_sag+cor+tra
      PD TSE AXIAL W FS
      PD TSE AXIAL
      PD TSE CORONAL W FS
      T1 TSE CORONAL
      PD TSE SAGITTAL W FS
    OPTIONAL
      STIR CORONAL

HAND
  FINGER
    ROUTINE
      localizer_tra
      localizer_sag+cor+tra
      pd_tse_fs_tra_320
      pd_tse_fs_cor_320
      pd_tse_fs_sag_320
      pd_tse_tra_320
      pd_tse_cor_320
      pd_tse_sag_320
      Pause
      t1_tse_tra post contrast fat sat
      t1_sag_tra post contrast fat sat
    TUMOR PROTOCOL
      localizer_tra
      localizer_sag+cor+tra
  
```

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HAND

FINGER

TUMOR PROTOCOL
 T1 TSE AXIAL
 T1 TSE CORONAL
 STIR CORONAL
 STIR AXIAL
 STIR SAGITTAL
 Pause
 T1 TSE AXIAL POST CON W FS
 T1 TSE CORONAL POST CON W FS

ANKLE.

PTT

ROUTINE
 LOCALIZER AXIAL
 LOCALIZER SAG + COR
 PD TSE AXIAL W FS
 PD TSE AXIAL
 PD TSE SAGITTAL W FS
 T1 TSE SAGITTAL
 PD TSE CORONAL
 PD TSE CORONAL W FS

ANKLE

ROUTINE
 localizer_tra
 localizer_sag+cor
 t1_se_sag_
 t1_tirm_sag
 pd_tse_fs_sag_384
 t1_tirm_COR
 pd_tse_fs_COR_384
 pd_tse_fs AX
 PD FS SAG fft adj

TUMOR PROTOCOL

ROUTINE
 localizer_tra
 localizer_sag+cor
 T1 TSE AXIAL
 STIR AXIAL
 T1 TSE CORONAL
 STIR CORONAL
 Pause
 T1 TSE AXIAL POST CON W FS
 T1 TSE CORONAL POST CON W FS

FOOT

TUMOR PROTOCOL

forefoot
 localizer_tra
 localizer_sag+cor
 STIR SHORT AXIS
 T1 TSE SAGITTAL
 STIR SAGITTAL
 T1 TSE LONG AXIS
 STIR LONG AXIS
 Pause
 T1 TSE SHORT AXIS POST CON W FS
 T1 TSE LONG AXIS POST CON W FS
 T1 TSE SAGITTAL POST CON W FS

MORTON'S NEUROMA

ROUTINE FOOT/ANKLE COIL
 localizer_tra
 localizer_sag+cor
 T1 TSE SHORT AXIS

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FOOT

MORTON'S NEUROMA

ROUTINE FOOT/ANKLE COIL

STIR SHORT AXIS

T1 TSE LONG AXIS

PD TSE LONG AXIS W FS

PD TSE SAGITTAL W FS

Pause

T1 TSE SHORT AXIS POST CON W FS

T1 TSE LONG AXIS POST CON W FS

BREAST.

BREAST LESION

ROUTINE

localizer

STIR CORONAL

T2 TSE AXIAL W FAT SAT

MAKE SURE ALL PARAMETERS ARE THE SAME PRE AND POST

T1 FL 3D AXIAL PRE CON W FS

Pause

T1 FL 3D AXIAL DYNAMIC POST CON W FS

T1 FL 3D SAGITTAL HIGH RES

IMPLANT RUPTURE

SILCON

localizer

localizer

tirm_ws_tra_silicone_bilat

t1_fl3d_tra_non_fatsat

tirm_ws_sag_silicone_left

tirm_tra_silicone_bilat

SALINE

localizer

tirm_tra_bilat

t1_fl3d_tra_non_fatsat

tirm_sag

ROUTINE_0001

localizer

STIR CORONAL

T2 TSE AXIAL W FAT SAT

MAKE SURE ALL PARAMETERS ARE THE SAME PRE AND POST

T1 FL 3D AXIAL PRE CON W FS

Pause

T1 FL 3D AXIAL DYNAMIC POST CON W FS

T1 FL 3D SAGITTAL HIGH RES

ANGIO

CAROTIDS

CONTRAST ENHANCED

localizer

vessels_neck

TOF_3D_multi-slab_iPAT

Flash_Loc

fl3d-cor_pre

Care_bolus_cor

fl3d-cor_post

RUNOFF

CONTRAST ENHANCED

TURNOFF-HOVER FOR NOTES

Position 230mm above feet

I_flash_feet

II_flash_legs

III_flash_abdomen

I_fl3d-cor_feet_pre

II_fl3d-cor_legs_pre

III_fl3d-cor_abdomen_pre

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ANGIO
  RUNOFF
    CONTRAST ENHANCED
      inject gad
      III_care_bolus_cor
      II_fl3d-cor_abdomen_post
      III_fl3d-cor_legs_post
      IV_fl3d-cor_feet_post
  TEST
    TEST
      TEST
        localizer
        tirm_cor_chest
        tirm_tra
        t1_fl3d_tra_non_fatsat
        t1_fl3d_tra_dynVIEWS
        Inject contrast agent
        t1_fl3d_tra_dynVIEWS_5MES
        t2_tse_sag_fs_left
        t2_tse_sag_fs_right
      Ricardo
        Imaging
          localizer
HEAD002
  STROKE BRAIN
    ROUTINE
      localizer
      T1 FLAIR SAG
      t2_tse_tra_320_p2
      t2_FLAIR AXIAL
      ep2d_diff_3scan_trace_p2
      t1_fl2d_cor
apps
  BRAIN
    ROUTINE
      LOCALIZER
      SAG T1 3D MPRAGE-P3
      AX T2 FLAIR FS
      AX T2 TSE
      AXIAL DIFFUSION MDDW 12-N
      -----With Contrast-----
      INJECTION
      SAG T1 3D MPRAGE POST
      T1 AXIAL POST
      OPTIONAL.....
      AX SWI P2
      SAG T1 3D MPRAGE
      AX DIFFUSION - 128-NEW
      AX DIFFUSION - 128
    PEDS UNCOOP
      LOCALIZER
      SAG T1 BLADE
      AX T2 BLADE
      AX T2 FLAIR BLADE
      AX T1 BLADE PRE
      INJECTION
      AX T1 BLADE POST
      SAG T1 BLADE POST
      AXIAL DIFFUSION MDDW 12-N
      AX DIFFUSION - 128-NEW
      AX SWI P2
    Infant - 1 yr or younger
      LOCALIZER
  
```

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apps

BRAIN

Infant - 1 yr or younger
 SAG T1 3D MPRAGE
 AX T2 FLAIR FS
 AX T2 TSE
 AX T2 STIR
 AXIAL DIFFUSION MDDW 12-N
 -----With Contrast-----
 INJECTION
 SAG T1 3D MPRAGE POST
 T1 AXIAL POST

Fast
 LOCALIZER
 SAG T1 2D FL
 AX T2 FLAIR FS
 AX T1 FL2D
 AX GRE hemo
 AX T2 TSE
 AX DIFFUSION - 128-NEW
 -----With Contrast-----
 INJECTION
 AX T1 FL2D POST
 COR T1 2DFL POST
 OPTIONAL TOF ANGIO.....
 TOF 3D BRAIN
 SAG T1 3D MPRAGE-FAST

Trauma
 LOCALIZER
 SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 AX DIFFUSION - 128-NEW
 ----- Blood Products -----
 AX GRE hemo
 AX SWI P2
 -----With Contrast-----
 INJECTION
 SAG T1 3D MPRAGE POST
 T1 AXIAL POST

ANGIO 3D TOF
 TOF_3D_multi-slab
 ipat chop c.o.w.
 TOF 3D 512 BRAIN -NEW
 TOF 3D 512 BRAIN 3.53TE

SEIZURE
 LOCALIZER
 SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 SAG T2 3D SPC ISO
 COR T2 FLAIR FS THIN 3mm
 AX DIFFUSION - 128-NEW

IAC'S
 LOCALIZER
 SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 AXIAL T2 3D RST IAC'S ISO
 AXIAL T1 THIN
 COR T1 THIN
 AX DIFFUSION - 128-NEW
 -----With Contrast-----

SIEMENS MAGNETOM TrioTim syngo MR B15

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apps

BRAIN

IAC'S

INJECTION
 AXIAL T1_THIN POST
 COR T1_THIN POST
 SAG T1 3D MPRAGE post
 OPTIONAL.....
 AXIAL T2 3D SPC ISO
 AXIAL T2 CISS ISO
 AX SWI P2

ORBITS

LOCALIZER
 SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 AXIAL T2 STIR
 COR T2 FS 3MM
 AXIAL T2 CISS ISO
 AX DIFFUSION - 128-NEW
 contrast_agent
 AXIAL T1 FS POST THIN
 COR T1 FS THIN POST
 SAG T1 3D MPRAGE post
 Optional

Sickle Cell

LOCALIZER
 SAG T1 3D MPRAGE-P3
 AX T2 FLAIR FS
 AX T2 TSE
 AX SWI P2
 AX GRE hemo
 TOF 3D 512 BRAIN 3.53TE
 AX DTI 30
 Optional
 AX DIFFUSION - 128-NEW

DTI

DTI 30

UNCOOPERATIVE

AX T2 BLADE-TEST
 AX T2 FLAIR BLADE
 T2 BLADE AXIAL
 localizer
 t1_blade_sag_dark-fl
 t2_blade_tra
 t2_blade_tra_dark-fl
 contrast_agent
 t1_blade_tra_dark-fl
 t1_blade_sag_dark-fl

BRACES

high bandwidth
 t1_se_sag_high bandwidth
 T1 SAG_pat2_high bandwidth
 t2_tse_tra_p2_high bandw.
 t2_tse_flair_tra_high band
 T1 AXIAL_p2_high bandwidth
 t2_tse_cor_p2_high bandw.
 t2_tse_flair_cor_high band
 ep2d_3scantrace_192_pat2

PERFUSION

LOCALIZER
 AX PERFUSION GRE
 AX PERFUSION SE

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apps

BRAIN

MRV

LOCALIZER
 FOR THROMBOSIS
 TOF MRV COR
 TOF MRV TRA
 AX GRE hemo
 IF REQUESTED FOR TROMBOS
 PC-2D-cor_optional
 PC-2D_tra_optional
 pd_tse_tra

SPECTROSCOPY

MULTI VOXEL
 csi_se_30
 csi_se_35 fast
 csi_se_144
 csi_se_270
 SINGLE VOXEL
 svb_se_30
 svb_se_144
 svb_se_270
 svb_st

OPTIONAL

TOF MRV COR
 TOF MRV TRA
 t1_tse_COR_THIN
 t1_tse_tra_THIN
 COR T2 TSE
 SAG T1 2D FL
 AX T1 FL2D
 COR T1 2DFL POST
 COR T2 FS 3MM
 COR T2 TSE
 AXIAL T2 STIR
 Blood Products
 AX GRE hemo
 AX SWI 3D

Nasopharyngeal

localizer
 t1_tse_sag
 t1_tse_cor
 t1_tse_ax
 t1_3D_Vibe_axial
 COR T2 FS 3MM
 Sag T2 FS 3MM
 Ax T2 FS 3MM
 AXIAL T1 FS POST THIN
 t1_tse_cor post FS
 t1_3D_Vibe fs_axial post

CSF FLOW STUDY

fl_fq

Diffusion Low Resolution

AX DIFFUSION - 128
 AX DIFFUSION - 128

Sella

LOCALIZER
 SAG T1 3D MPRAGE
 AX T2 FLAIR FS
 AX T2 TSE
 SAG T1 THIN
 COR T1 THIN
 AX DIFFUSION - 128

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apps

BRAIN

Sella

With Contrast
 INJECTION
 SAG T1 THIN POST
 COR T1 THIN POST
 SAG T1 3D MPRAGE

Face

localizer
 t1_tse_cor
 t1_tse_sag
 t1_tse_ax
 t2_tse_ax fs
 t2_tse_sag fs
 t2_tse_cor fs
 injection
 t1_3D_Vibe fs_axial post
 t1_tse_ax fs post
 t1_tse_sag fs post
 t1_tse_cor fs post

L SPINE

ROUTINE

localizer
 SAG T2 RST
 SAG T1 TSE
 AXIAL T1 2DFL
 AXIAL T2 TSE RST
 INJECTION
 SAG T1 2DFL FS POST
 AXIAL T1 SE FS POST
 SAG T1 FLAIR GRAPPA
 SAG T1 FLAIR W SAT
 SAG T2 STIR
 t1_fl2d_tra_msma

C SPINE

ROUTINE

LOCALIZER
 SAG T2 RST
 SAG T1 TSE
 AXIAL T2 2DFL
 AXIAL T1 3D VIBE
 OPTIONAL....
 AXIAL T2 RST
 SAG T2 STIR
 SAG T2 FS

ROUTINE +GAD

LOCALIZER
 SAG T2 RST
 SAG T1 TSE
 AXIAL T2 2DFL
 AXIAL T1 3D VIBE
 INJECTION
 AXIAL T1 3D VIBE POST
 SAG T1 TSE FS POST
 AXIAL T1 2DFL FS POST

OPTIONAL

SAG T2 STIR
 AXIAL T2 RST
 AXIAL T2 MEDIC

BRACHIAL PLEXUS

LOCALIZER
 SAG T2 RST

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apps

C SPINE

BRACHIAL PLEXUS
SAG T1 TSE
AXIAL T2 2DFL
AXIAL T1 3D VIBE
OPTIONAL....
AXIAL T2 RST
SAG T2 STIR
t2_haste3d_cor_p2_myel_iso
NEONATE BRACHIAL PLEXUS
LOCALIZER
SAG T2 RST RT
SAG T1 TSE RT
AXIAL T2 2DFL RT
AXIAL T1 3D VIBE RT
COR T1 3D VIBE
AXIAL T2 RST RT
COR T2 CISS ISO
COR T2 CISS ISO
t2_haste3d_cor_p2_myel_iso
COR T2 CISS ISO
BRACHIAL PLEXUS WIP
LOCALIZER
SAG T2 RST
SAG T1 TSE
AXIAL T2 2DFL
AXIAL T1 3D VIBE
OPTIONAL....
AXIAL T2 RST
SAG T2 STIR
t2_haste3d_cor_p2_myel_iso
Begins New Protocol....
LOCALIZER
SAG T2 RST
SAG T1 TSE
t1_tse-AX
t2_tse_rst_AX
COR T2 CISS ISO
t2_haste3d_cor_p2_myel_iso
AX T2 CISS ISO
COR T2 CISS ISO

T SPINE

ROUTINE
localizer_I-III
T2 COUNTING SCOUT
SAG T1 TSE
SAG T2 TSE RST
SAG T2 STIR
AXIAL T2 TSE RST
AXIAL T2 TSE RST
INJECTION
SAG T1 TSE FS POST
AXIAL T1 TSE FS
AXIAL 3D VIBE FS
OPTIONAL.....
SAG T2 TSE FS
AXIAL T1 SE FS
AXIAL T2 2DFL

CONTRAST ENHANCED ANGIOS

CAROTIDS
Flash_Loc
fl3d-cor_pre

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apps

CONTRAST ENHANCED ANGIOS

CAROTIDS

inject gad
Care_bolus_cor
fl3d-cor_post

AORTA

Flash_Loc
vesselscout_abdomen
fl3d-cor_pre
inject gad
Care_bolus_cor
fl3d-cor_post
fl3d_vibe_bh

RENALS

Flash_Loc
vesselscout_abdomen
fl3d-cor_pre
inject gad
Care_bolus_cor
fl3d-cor_post
fl3d-cor_post
fl3d_vibe_bh COR

RUNOFF

TURN OFF AUTO COIL SELECT
Position 230mm above feet
I_flash_feet
II_flash_legs
III_flash_abdomen
vesselscout_ABDOMEN
I_fl3d-cor_feet_pre
II_fl3d-cor_legs_pre
III_fl3d-cor_abdomen_pre
inject gad
III_care_bolus_SAG
II_fl3d-cor_abdomen_post
III_fl3d-cor_legs_post
IV_fl3d-cor_feet_post
IV_fl3d-cor_feet_DELAYED

Triggered

fl3d-sag_aorta

BODY COIL RUNOFF

TURN OFF AUTO COIL SELECT
Position 230mm above feet
I_flash_feet
II_flash_legs
vesselscout_LEGS
III_flash_abdomen
vesselscout_ABDOMEN
I_fl3d-cor_feet_pre
II_fl3d-cor_legs_pre
III_fl3d-cor_abdomen_pre
inject gad
III_care_bolus_SAG
II_fl3d-cor_abdomen_post
III_fl3d-cor_legs_post
IV_fl3d-cor_feet_post
IV_fl3d-cor_feet_DELAYED

HIP

ROUTINE

localizer
COR T1 TSE
COR T2 TSE FS

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apps

HIP

ROUTINE

AXIAL T1 TSE
 AXIAL T2
 SAG T2 FS
 COR 3D VIBE FS

AVN

localizer
 localizer_sag+cor
 t1_tse_cor
 t2_tse_cor_fs
 pd+t2_tse_cor
 t1_tse_ax

OPTIONAL

pd_spc_ns_we_cor_p3_iso
 t2_fl2d_cor_512_p2
 pd_tse_fs_cor_512_p2
 t1_tse_tra_fs
 t1_tse_sag_fs
 t1_tse_cor_fs
 T2 STIR COR
 T2 STIR AXIAL
 t1_tirm_sag_p2
 t2_tse_rst_fs_tra
 t1_tse_sag

ABDOMEN

LIVER-TRIGGERED

pace_localizer
 pace_localizer
 COR T2 HASTE TRIGGER
 COR T1 TFL TRIGGER
 AX T2 HASTE TRIGGER
 AX T2 FS TRIGGER
 AX T1 TFL IN TRIGGER
 AX T1 TFL OUT TRIGGER
 AX 2D DIFFUSION FB
 AX 3D VIBE FS MULTI AVG
 INJECTION
 AX 3D VIBE FS MULTI post
 POST COR T1 TFL TRIGGER

LIVER- MBH

pace_localizer
 COR T1 TFL TRIGGER
 COR T2 HASTE TRIGGER
 AX T2 HASTE TRIGGER
 AX T2 TSE FS TRIGGERED
 AX T1 IN + OUT BH
 AX 2D DIFFUSION FB
 AX T1 3D VIBE FS BH
 INJECTION
 POST AX T1 3D VIBE FS BH
 POST COR T1 TFL TRIGGER

UROGRAM

pace_localizer
 COR T2 HASTE TRIGGER
 SAG T2 HASTE TRIGGER
 AX T2 HASTE TRIGGER
 INJECT LASIX
 COR T1 TFL TRIGGER
 AX T2 FS TRIGGER
 T2 3D SPACE COR
 DYNAMIC

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apps

ABDOMEN

UROGRAM

fl3d_dynamic_cor_bh
 SAG T1 TFL TRIGGER
 SAG T1 3D FS
 UROGRAPHY_T1
 fl3d_uro_cor_pat
 OPTIONAL.....
 tti2d_sr_dynamic_cor
 fl2d_sr_dynamic_cor

KIDNEY-DYNAMIC

LOCALIZER
 tti2d_msl_bh
 MORPHOLOGY_T1
 t1_fl2d_fs_obl_mbh_pat
 MORPHOLOGY_T2
 t2_trufi_obl_bh_pat
 t2_tse_tra_fs_p2_trig_320
 t2_haste_cor_mbh_p3_320
 UROGRAPHY_T2
 t2_spc_rst_cor_p3_iso
 DYNAMIC
 fl2d_sr_dynamic_cor
 tti2d_sr_dynamic_cor
 fl3d_dynamic_cor_bh
 ANGIOGRAPHY
 fl3d_angio_cor_pat
 UROGRAPHY_T1
 fl3d_uro_cor_pat
 VIBE COR 3D 1-10 min

MRCP

pace_localizer
 COR T2 HASTE TRIGGER
 AX T2 HASTE TRIGGER
 AX T2 FS TRIGGER
 AX T1 IN + OUT BH
 COR OBLIQ. T2 THICK SLICE
 COR OBLIQ. T2 THICK SLICE
 COR OBLIQ. T2 3D TRIGGERED
 AX T1 3D VIBE FS BH

HEMANGIOMA breath-hold

three_plane_haste_loc
 t1_fl2d_in-opp_tra_p2_bh
 t1_vibe_fs_tra_bh_p2_2mm
 trufi_bh
 t2+t2_tse_tra_fs_trig
 t2+t2_tse_sag_fs_trig
 INJECTION
 t1_vibe_fs_tra_bh_p2_2mm
 optional
 ToF-2D_obl_no_sat

HEMANGIOMA sedated

three_plane_haste_loc
 t1_fl2d_in-op_tra_multi-ave
 t1_vibe_fs_tra_multi-aver
 trufi_trig
 t2+t2_tse_tra_fs_trig
 t2+t2_tse_sag_fs_trig
 INJECTION
 t1_vibe_fs_tra_multi-aver
 optional
 ToF-2D_obl_no_sat

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apps

ABDOMEN

OPTIONAL LIVER

pace_localizer
 t2_haste_tra_mbh_p2
 t2_haste_cor_mbh_p2
 t2_tse_tra_fs_p2_trig_320
 t1_fl2d_in-opp_tra_p2_bh
 t1_vibe_fs_tra_bh_p2 PRE
 contrast_agent
 t1_vibe_fstra_bhPOST30sec
 t1_vibe_fstra_bh POST90sec
 t1_vibe_fstra_bh POST3min

ABDOMEN

LIVER

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHAS
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST

REVEAL DIFFUSION

__free-breathing__
 DIFFUSION B50, 400, 800
 DIFFUSION DARK VESSEL

MRCP

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FAT SAT
 T2 HASTE CORONAL THICK
 T2 HASTE PARASAGITTAL THICK
 T2 HASTE PARACORONAL THICK
 T2 HASTE CORONAL THIN
 T2 HASTE AXIAL THIN
 TELL PT TO BREATH NORMALLY
 pace_localizer
 T2 SPACE CORONAL ISO

PANCREAS

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHAS
 T1 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T2 HASTE CORONAL THICK
 T2 HASTE PARASAGITTAL THICK
 T2 HASTE PARACORONAL THICK
 T2 HASTE CORONAL THIN
 T2 HASTE AXIAL THIN
 TELL PT TO BREATH NORMALLY
 pace_localizer
 T2 SPACE CORONAL ISO
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST

SIEMENS MAGNETOM TrioTim syngo MR B15

\\USER

ABDOMEN

PANCREAS

ROUTINE

T1 FL 3D VIBE AXIAL POST

KIDNEY

ROUTINE

localizer
 T1 FL 2D AXIAL IN OPP PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL
 INJECTION
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE AXIAL POST
 T1 FL 3D VIBE SAG POST

MRI MRV

localizer
 T1 FL 2D AXIAL IN OUT PHASE
 T2 HASTE AXIAL
 T2 TSE AXIAL W FS
 T2 HASTE CORONAL
 T1 FL 3D VIBE AXIAL W FS
 Flash_Loc
 T1 FL 3D ANGIO CORONAL PRE CON
 INJECTION
 T1 FL 3D VIBE AXIAL POST CON W FS
 T1 FL 3D ANGIO CORONAL POST CON
 T FL 3D VIBE AXIAL POST CON FS
 T1 FL 3D VIBE SAGITTAL POST CON W FS

morphology_dynamic

LOCALIZER
 tfi2d_msl_bh
 MORPHOLOGY_T1
 t1_fl2d_fs_obl_mbh_pat
 MORPHOLOGY_T2
 t2_trufi_obl_bh_pat
 t2_tse_tra_fs_p2_trig_320
 t2_haste_cor_mbh_p3_320
 UROGRAPHY_T2
 t2_spc_rst_cor_p3_iso
 DYNAMIC
 fl2d_sr_dynamic_cor
 tfi2d_sr_dynamic_cor
 fl3d_dynamic_cor_bh
 ANGIOGRAPHY
 fl3d_angio_cor_pat
 UROGRAPHY_T1
 fl3d_uro_cor_pat

ADRENAL

ROUTINE

localizer
 T2 TSE AXIAL W FS
 T2 HASTE AXIAL
 T2 HASTE CORONAL
 T1 FL 2D AXIAL IN OPP PHAS
 T1 FL 2D CORO IN OPP PHAS

LOWER EXTREMITIES

Hips

Routine Hip NO FLEX COIL

localizer
 PD FS COR
 PD FS COR strong FS

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LOWER EXTREMITIES

Hips

Routine Hip NO FLEX COIL

t1_tse_cor_512_p2
 t1_tse_AXIAL
 pd_tse_fs_AX_512_p2
 Sag_PD FS_p3_320_3mm

Routine w FLEX COIL

localizer
 T2 Cor FS Pelvis
 T1 AX Hips Bilat
 PD FS Ax Bilat
 T1 Cor Hips Bilat 448
 localizer
 localizer
 Loc ax
 AX PDFS RIGHT
 Sag PDFS RIGHT
 Cor PDFS RIGHT

LEFT HIP ARTH 4-5-07

localizer
 t2_tirm_cor_p2
 PD FS AX_512_p2
 T1 AX Bilat Hips Arthrogra
 T1 Cor Hips Bilat 448
 Sag PDFS Arth LEFT
 AX PDFS Arth LEFT
 Cor PDFS Arth LEFT

Hip Fix it w PD FS 3_23_07

localizer
 T2 Cor FS Pelvis
 T1 Cor Hips Bilat 448
 T1 AX Hips Bilat
 PD FS Ax Bilat
 PD FS Ax Hip get from shldr
 chang pd fs get from shldr
 T1 Cor Hip RIGHT

Hip Thigh Mass 3_7_07

localizer
 t1_tse_AXIAL
 PD FS COR strong FS
 Ax PD TSE FS
 t1_tse_cor_512_p2
 T2_FS_Sag_LEFT
 t2_tse_tra_320_p2
 T2_FS_Sag_LEFT
 t2_tse_tra_320_p2

QUICK HIP 3-12-07

localizer
 localizer
 t2_tirm_cor_p2
 t1_tse_cor_512_p2
 t1_tse_AXIAL
 pd_tse_fs_AX_512_p2
 pd_tse_fs_COR
 T2_FS_CORONAL_LEFT

Arth Rt Hip 5_8_07

localizer
 t2_tirm_cor_p2
 T1 AX Bilat Hips Arthrogra
 PD FS AX_Bilat
 T1 Cor Hips Bilat 448
 Cor PDFS Arth RIGHT

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LOWER EXTREMITIES

Hips

Arth Rt Hip 5_8_07
 Sag PDFS Arth RIGHT
 Ax PDFS Arth RIGHT
 T1 3D VIBE COR
 OPTIONAL
 t1_tse_cor_512_p2
 t2_stir_cor_5mm_p2
 t1_tse_tra_512_p2 PELVIS
 t2_stir_tra_5mm_p2
 t2_tse_tra_448_p2
 t2_tse_sag
 pd_tse_fs_cor_512_p2
 t1_tse_sag_p2

Femur 3_19_07

Femur
 localizer
 localizer
 localizer
 T1 Cor Thigh Bilat
 T1 Ax Thigh Uni 20 FoV
 PD FS Ax Uni Thigh 20FoV
 PD FS Sag
 STIR Cor Bilat Thighs
 T2_FS_Cor Thigh B poor sat

Thigh Mass

localizer
 t2_tirm_cor_p2
 localizer
 localizer
 T1 AX Left Thigh
 T1 Cor Left Hip Prox Thigh
 PD FS AX_Left Hip Thigh
 T2_FS_COR Left Hip Thigh
 Sag_PD FS Lt Hip Thigh
 T1 Cor FS Left Post C
 T1 AX FS Left POST C
 T1 AX FS Pelvis POST C
 T1 AX FS Left POST C

Calf

HeadNeckFlex 5_7_07
 localizer Ax Lg FoV
 Loc Cor
 Loc Sag
 T1 Ax tse
 PD FS AX
 STIR SAG RIGHT
 T1 SAG Right Calf
 T1 Cor Right Calf
 T2 FS Cor RT CALF

Routine Calf Uni 4_16_07_

localizer
 localizer_sag+cor
 localizer_sag+cor
 STIR SAG RIGHT
 T1 SAG Right Calf
 T1_AX RIGHT
 PD FS AX RT
 T2 FS AX RT CALF
 STIR COR CALF RIGHT

Routine Calf Uni

localizer

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LOWER EXTREMITIES

Calf

Routine Calf Uni

localizer_sag+cor
 PD FS AX
 t1_tse_tra
 pd_tse_fs_sag
 t1_tse_sAG
 T2_FS_SAG
 PD FS COR

Calf Bilat Torso Isoctr!

localizer
 localizer_sag+cor
 t1_tse_tra
 PD FS AX
 T1 SE COR
 T2_FS_COR
 pd_tse_fs_sag_RT
 pd_tse_fs_sag_LEFT

Calf Uni Male Extra Covrg

localizer
 localizer_sag+cor
 PD FS AX
 t1_tse_tra
 t1_tse_sAG
 pd_tse_fs_sag
 T2_FS_SAG
 PD FS COR

Fat Suppression Test

localizer
 localizer_sag+cor
 T1 SE COR
 PD FS COR LT
 T1 SE CORFS(auto)
 PD FS COR LT(auto)
 T1 SE CORFS(auto)

Bilat HF 3_6_07

localizer
 localizer_sag+cor

Ankle

BOOT ANK 4_3_07

localizer_Ax Boot
 BOOT Loc Sag Cor
 T1 SAG Right
 STIR SAG RIGHT
 PD FS COR RT fft adj
 T1_Cor RIGHT
 T1_AX RIGHT
 PD FS AX RT fft adj

—

localizer_tra
 Ax Loc 350FoV_CheckCoils
 localizer_tra
 T1 SAG Right
 STIR SAG
 T1_Cor RIGHT
 PD FS COR RT
 T1_AXLEFT
 PD FS AX RT

Achilles T

localizer_tra
 localizer_sag+cor
 STIR SAG

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LOWER EXTREMITIES

Ankle

Achilles T

t2_fi3d_sag_iso
 pd+t2_tse_cor_384
 PD FS AX
 T1 SE AX
 PD FS COR
 T1 SE COR

ROUTINE TACO STYLE

localizer_tra
 localizer_sag+cor
 T1 SE AX
 T2_FS_SAG
 PD FS COR
 pd_tse_fs_sag_384
 T1 SE COR
 T2_FS_SAG

Ankle in Neck Coil 3_15_07

Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 localizer_sag+cor
 T1_Tse_Ax Normalize
 T1_Tse_Ax
 PD_Ax_FS_Left Ankle
 T2_FS_SAG_LEFT
 T1 COR LEFT
 T2_FS_SAG_LEFT
 PD FS COR LT

ANKLE 3-19-07

Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 localizer_sag+cor
 PD_Ax_FS_Left Ankle
 T1_CorLEFT
 T1_AXLEFT
 T2_FS_SAGLT
 PD FS COR LT
 t2_tirm_sag_320_STIR

LT ANKLE+GD 3-26-07

Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 PD_Ax_FS_Left Ankle
 T1_CorLEFT
 T1_AXLEFT
 PD_FS_COR_LEFT
 T2_FS_SAG_LEFT
 Pause
 T1 SAG FS LEFT+GD
 T1_AXLEFT+GD

Neck Coil + Gd 3_26_07

Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 Ax Loc 350FoV_CheckCoils
 PD_Ax_FS_Left Ankle
 T1_CorLEFT
 T1_AXLEFT
 PD_FS_COR_LEFT
 T2_FS_SAG_LEFT
 Pause
 T1 SAG FS LEFT+GD

SIEMENS MAGNETOM TrioTim syngo MR B15

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LOWER EXTREMITIES

Ankle

Neck Coil + Gd 3_26_07
T1_AXLEFT+GD

Foot

Routine Foot

localizer_tra
localizer_sag+cor
STIR SAG
T1 SE AX
PD FS AX
PD FS COR
T1 SE COR
t2_me3d_we_sag_iso

MIDFOOT(needs fixin)

localizer_tra
localizer_sag+cor
PD FS AX
T1 SE AX
T1 SE COR
T1 SE SAG FS
T2_FS_CORONAL

Distal foot Great toe 3_9_

localizer_tra
localizer_sag+cor
STIR SAG
T1 SE AX
PD FS AX
PD FS COR
T1 SE COR

Whole Foot Neck Coil 3_07

localizer_tra
localizer_sag+cor
T1 TSE SAG 240Fv
PD FS Sag Foot
T1 Ax Foot 14FoV
PD FS Ax Ankle 14FoV
T1 TSE COR Foot 18Fv
PD FS Cor Ank
T1 Ax Foot 14FoV
PD FS Ax Foot Distal
T1 TSE COR Foot Distal
T2_FS_COR Distal Rt

Foot 8 Knee Coil

Foot 8 CH fix w bedonie

local_Ax_Head_Coil
LOC 200 FOV Ax
LOC 200 FOV Sag
LOC 200 FOV Cor
T1 Ax Foot 12FoV
PD FS Ax 12FoV
T1 TSE SAG 18Fv
PD FS Sag Foot 18Fv
T1 TSE COR Foot 18Fv
PD FS COR
STIR SAG

Foot Head Coil 3_15_07

localizer_tra
localizer_sag+cor
PD FS AX
T1 SE COR
T1_Tse_Ax
PD_FS_CORONAL

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LOWER EXTREMITIES

Foot 8 Knee Coil

Foot Head Coil 3_15_07
T2_FS_SAG_LEFT

Toe Sagittals

localizer_tra
localizer_sag+cor
T1 SE Sag
PD FS SAG
PD FS SAG

dISTAL dAVE 4_20

local_Ax_Head_Coil
LOC 200 FOV Sag
LOC 200 FOV Cor
PD FS Ax 12FoV RIGHT
T1 Sag RIGHT
T1 TSE COR RIGHT
STIR SAG RIGHT
PD FS Sag Foot RIGHT

Foot boot

Foot 5_01_07

local_Ax_Head_Coil
LOC 200 FOV Sag
LOC 200 FOV Cor
LOC 200 FOV Cor
T1 Sag RIGHT
STIR SAG RIGHT
PD FS Ax 12FoV RIGHT
T1 Axial RIGHT
T1 TSE COR RIGHT
T2_FS_COR_RIGHT
STIR COR RIGHT

Heel 2-5-07

Heel_3_05_07

localizer_tra
localizer_sag+cor
STIR SAG
T1_Tse_Ax
PD_Ax_tse_FS
t1_CORONAL
PD_FS_CORONAL

UPPER EXTREMITIES

Brachial Plexus

Routine 3_26_07

localizer 450m 1sl 3 plane
localizer
STIR Cor Brachial PlexLEFT
T1 TSE Cor Left
T2 Cor FS Bilat Brach Plex
T2 TSE R AXIAL Bilat Brach
T1 TSE Ax Bilat Brach Plex
T2 TSE SAG LEFT

right brach plex +gd

localizer 450m 1sl 3 plane
STIR Cor Brachial Plex RT
T1 TSE Cor Right
T2 Cor FS Bilat Brach Plex
T2 TSE AXIAL Bilat Brach
T2 TSE SAG Right
T1 TSE Ax Bilat Brach Plex
T1 Ax FS Br Plex Post C
T1 TSE FS Cor Rt Post C
localizer_H_0mm

SIEMENS MAGNETOM TrioTim syngo MR B15

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UPPER	EXTREMITIES	
	Brachial Plexus	
	right brach plex +gd	
	T1_TSE_SAG FS Post C	
	T1_tse_Ax 2Nx	
	STERNUM	
	PRONE ON SPINE COIL 4_19_0	
	localizer 450m 1sl 3 plane	
	localizer	
	T1 TSE Cor Left	
	STIR Cor Sternum	
	T1 TSE Ax Sternum	
	T2 FS Ax Sternum	
	PD FS Ax Sternum	
	T1 VIBE COR ISO	
	HUMERUS	
	BICEP TENDON	
	IOC sAG	
	localizer_c	
	T1 AX ELBOW	
	PD_FS_AX	
	T1 Sag Upper Humerus Left	
	PD_FS SAG Prox Hum Left	
	T2_FS_COR Prox Humer_LEFT	
	PD FS AX LT	
	Humerus 3_07	
	IOC sAG	
	localizer_c	
	T1 AX ELBOW	
	T1 AX ELBOW	
	PD_FS_AX	
	T1 Sag Upper Humerus Left	
	PD_FS SAG Prox Hum Left	
	T2_FS_COR Prox Humer_LEFT	
	PD FS AX LT	
	Lt Humerus Gd Prox 4_27	
	localizer_c	
	IOC sAG	
	T2_FS_COR Prox Humer_LEFT	
	PD_FS_AX	
	PD_FS_AX	
	T1 AX ELBOW	
	T1 Sag Upper Humerus Left	
	T2_FS_SAG Prox Humer_LEFT	
	T1 FS AX HUM POST C	
	T1 FS Sag Left POST C	
	T1 FS Cor Left POST C	
	ELBOW	
	apps	
	Loc Ax 400FoV Torso	
	localizer_sag+cor+tra	
	T1 AX ELBOW	
	T1 COR	
	PD_FS_CORONAL	
	PD FS AX RT	
	PD_FS_SAG	
	STIR Cor Elbow	
	t1_vibe_we_cor_320_iso	
	WRIST	
	WRIST 8CH KN suprman 4_07	
	AXIAL LOCALIZER hfS	
	_3 PLANE LOCALIZER	
	T1 TSE Ax Wrist	

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UPPER EXTREMITIES
WRIST

WRIST 8CH KN suprman 4_07
 PD FS Ax Wrist LEFT
 t1_tse_COR LEFT
 PD COR FS 2.5MM
 T2_FS_COR LEFT
 PD FS Sag LEFT
 t2_fi3d_cor_320
 OPTIONAL
 t1_tse_SAG LEFT
 Wrist Extrem Coil
 AXIAL LOCALIZER hfp
 _3 PLANE LOCALIZER
 t2_fi3d_cor_320
 tse_non-Restore_TSE
 t1_tse_tra
 WRIST kn coil supermn 2 07
 AXIAL LOCALIZER hfS
 _3 PLANE LOCALIZER
 t1_tse_tra
 pd_tse_fs_tra
 t1_CORONAL
 PD_FS_CORONAL
 T2_FS_CORONAL
 PD_FS_SAG
 T2_FS_CORONAL
 Scaphoid Fx 3_20_07
 AXIAL LOCALIZER hfS
 _3 PLANE LOCALIZER
 _3 PLANE LOCALIZER
 T1 TSE Ax Wrist
 PD FS Ax Wrist
 T1 Cor Wrist
 PD_FS_CORONAL
 T2_FS_COR 12F0V
 PD FS Sag Wrist
 T1 Sag Wrist
 t1_vibe_we_sag_iso
 WRIST ARTH LEFT 4_16_07
 AX Lrg Loc SAY HFS
 SAG - COR LOC
 AX LOCALIZER
 PD FS Ax Wrist LEFT
 T1 TSE Ax Wrist LEFT
 T1 COR FS 2.5m LEFT
 PD FS COR LEFT
 T2_FS_COR LEFT
 PD FS Sag LEFT
 WR ARTH RIGHT 4_16_07
 AX Lrg Loc SAY HFS
 SAG - COR LOC
 PD FS Ax Wrist RIGHT
 T1 TSE Ax Wrist RIGHT
 AX LOCALIZER
 T1 COR FS 2.5m RIGHT
 PD FS COR RIGHT
 PD FS Sag RIGHT
 T2_FS_COR RIGHT
 WR ARTH RIGHT 4_20_07
 AX Lrg Loc SAY HFS
 SAG - COR LOC
 AX LOCALIZER

SIEMENS MAGNETOM TrioTim syngo MR B15

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UPPER EXTREMITIES
  WRIST
    WR ARTH RIGHT 4_20_07
      PD FS Ax Wrist RIGHT
      T1 TSE Ax Wrist RIGHT
      T1 COR FS 2.5m RIGHT
      PD FS COR RIGHT
      PD FS Sag RIGHT
      T2_FS_COR RIGHT
  HAND
    Suprman Hand 3_2_07 HfSup
      AXIAL LOCALIZER HfSup
      _3 PLANE LOCALIZER
      _3 PLANE LOCALIZER
      t1_tse_tra
      PD FS AX
      t1_CORONAL
      PD_FS_CORONAL
      PD_FS_SAG
      T2_FS_CORONAL
    Thumb_8ch_3_16_07
      AXIAL LOCALIZER HfSup
      _Cor_LOCALIZER
      Sag LOCALIZER
      t1_tse_tra
      PD_tse_FS_Ax
      T1_CORONAL
      PD_FS_CORONAL
      PD_FS_SAG RT THUMB
      T2_FS_SAG_RIGHT THUMB
      t1_vibe_we_sag_iso
  Fat Sup FS seqs
    Fat Sup Images
      t2_tse_fs_sag
      T2 TSE RESTORE Ax Use FS
  FINGER
    Finger with Contrast
      AXIAL LOCALIZER HfSup
      _3 PLANE LOCALIZER
      _3 PLANE LOCALIZER
      PD_FS_SAG
      T1 SE Sag 2.5m
      T1 SE AX
      T2_FS_CORONAL
      T1 SE AX
      PD FS AX
      t2_tirm_cor_p2
      T1 SE Sag 2.5m FS +C
      T1 SE AX +C
    FINGER 3_16 FIX SAGCOR
      AXIAL LOCALIZER HfSup
      _Cor_LOCALIZER
      Sag LOCALIZER
      T2_FS_COR RT HAND
      T1_COR RIGHT
      T1 TSE AX FINGERS RIGHT
      PD FS AX RIGHT
      PD_FS_SAG RT THUMB
      PD_FS_CORONAL RIGHT
      STIR COR RIGHT
      T1_COR FS RT POST C
      T1 AX FS RIGHT POST C
      T1 FS_SAG RT POST C
  
```

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SHOULDER.001

RIGHT

ROUTINE

localizer
LOC AX
cor localizer
sag localizer
PD FS AX RIGHT
T1 COR 320 RIGHT
PD_FS_COR_RIGHT
PD_FS_Sag_RIGHT
T2_FS_COR_RIGHT_3Q

LARGER 5_7_07

localizer
cor localizer
sag localizer
LOC AX
LOC AX
PD FS AX RIGHT
T1 COR 320 RIGHT
PD FS COR RIGHT
PD FS SAG RIGHT
T2_FS_COR_RIGHT_3Q

RTSHLDR OLD

T2_FS_COR_RIGHT
localizer
sag localizer
cor localizer
ax localizer
PD FS AX RIGHT
T1 COR 320 RIGHT
PD_FS_COR_RIGHT
PD_FS_Sag_RIGHT

LEFT

ROUTINE

localizer
LOC 18 FOV
cor localizer
sag localizer
PD FS AX LEFT
T1 COR 320 LEFT
PD_FS_COR_LEFT
PD_FS_Sag_LEFT
T2_FS_COR_LEFT

ROUTINE-5-9-07

localizer
LOC 18 FOV
cor localizer
sag localizer
PD FS AX LEFT
T1 COR 320 LEFT
PD_FS_COR_LEFT
PD_FS_Sag_LEFT
T2_FS_COR_LEFT

ARTHROGRAM

ROUTINE

Ax Large Loc
Loc Cor
Loc Sag
T1 Ax FS Arth SAG+GADrt
T1_CorFS_Arth_LEFT
Sag PDFS Arth LEFT
Cor PDFS Arth LEFT

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SHOULDER.001

ARTHROGRAM

ROUTINE

T2_FS_CORONAL_LEFT

RIGHT ARTHRO

Ax Large Loc

Loc Cor

Loc Sag

T1 Ax FS Arth SAG+GADrt

T1_CorFS_Arth RT

Sag PDFS Arth RT

Cor PDFS Arth RT

T2_FS_CORONALRT

localizer

localizer

T1 Sag FS ArthRIGHT+GAD

OPTIONAL

t1_tse_sag_448

optional

optional

t2 medic 3d axial fs

t1_3D vibe_FS POST

t1_tse_fs_tra post

t1_fl2d_fs_cor post

t1_fl2d_fs_sag post

SPINE001

CERVICAL

ROUTINE

LOCALIZER

T2 SAG

T1 FLAIR SAG

t2_spc_rst_sag_p3_iso

t2_tse_rst_tra_p2

t1_vibe_tra_2mm

optional.....

T2 STIR SAG

INJECTION

T1 TSE FS SAG POST

T1 FLASH FS AX POST

FAST

localizer

T2 RST SAG P2

t1_tse_sag

t2_tirm_sag

t2_flash_axial

T1

t1_tse_sag_320

t1_se_sag_320

t1_fl2d_tra

t1_fl2d_op-pha_sag_te_1.6

t1_fl2d_op_pha_sag_320_p2

t1_tirm_sag_dark-fluid

fast

t1_tse_sag_320_p2

t1_fl2d_op_pha_sag_p2

T2

t2_tse_rst_sag_320

t2_tse_rst_tra_p2

t2_tirm_sag_320

t2_me2d_tra_p2

t2_fl2d_tra_mt

fast

t2_tse_rst_sag_p2

SIEMENS MAGNETOM TrioTim syngo MR B15

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SPINE001

CERVICAL

high-res

t1_fl2d_sag_384
t1_tse_sag_384
t2_tse_rst_sag_384

_3D

t2_haste3d_cor_p2_myel_iso
t1_fl3d_we_cor_iso
t1_fl3d_we_cor_pat2_iso
t1_vibe_tra_2mm
t1_vibe_tra_1mm
t2_spc_rst_sag_p3_iso
t2_spc_rst_tra_p2_iso
t2_spc_rst_tra_p2

low-SAR

t1_se_sag_320
t2_tirm_sag_320_2conc

NEW 4_2_07

localizer
t1_tse_sag
t2_flash_axial
t2_me2d_tra_p2
T2 SAG
T2 AX
T1 FLAIR

CERVICAL DR.BURGOS

LOCALIZER
t2_spc_rst_sag_p3_iso
T1 FLAIR SAG
t1_vibe_tra_2mm
t2_tse_rst_tra_p2

optional

T2 FLASH AX
T2 MEDIC AX
T2 AX

THORACIC

ROUTINE

LOCALIZER
LARGE FOV SCOUT
SAG T2 TSE RST FS
T1_FLAIR_Sag
SAG STIR
AXIAL T2 DISKS
T2 FLASH AX
contrast pause
t1_tse_sag post fs
T1 TSE FS AXIAL- NEW
T2 STIR SAG

optional

T1 TSE SAG
t1_se_tra_4 post fs
extra pause
t2_flash_axial
t1_3D_Vibe_axial
SAG T2 TSE RST

ComposingT1

Introduction
___ c-spine ___
localizer_H_0mm
t1_tse_sag_320
___ t-spine ___
localizer_F_200mm

SIEMENS MAGNETOM TrioTim syngo MR B15

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SPINE001

THORACIC

ComposingT1

t1_tse_sag_320
 ___ l-spine ___
 localizer_F_400mm
 t1_tse_sag_320

ComposingT2

Introduction
 ___ c-spine ___
 localizer_H_0mm
 t2_tse_rst_sag_320
 ___ t-spine ___
 localizer_F_200mm
 t2_tse_rst_sag_320
 ___ l-spine ___
 localizer_F_400mm
 t2_tse_rst_sag_320

Composig_T1_fl_op_pha_sag

Introduction
 ___ c-spine ___
 localizer_H_0mm
 t1_fl2d_op_pha_sag_320_p2
 ___ t-spine ___
 localizer_F_200mm
 t1_fl2d_op_pha_sag_320_p2
 ___ l-spine ___
 localizer_F_400mm
 t1_fl2d_op_pha_sag_320_p2

inline_composer

localizer_H_0mm
 localizer_F_200mm
 localizer_F_400mm
 I_t1_tse_sag_320
 II_t1_tse_sag_320
 III_t1_tse_sag_320
 I_t2_tse_rst_sag_320
 II_t2_tse_rst_sag_320
 III_t2_tse_rst_sag_320

two_steps

Introduction
 ___ c-t-spine ___
 localizer_H_0mm
 t1_tse_sag_384
 t2_tse_rst_sag_384
 ___ t-l-spine ___
 localizer_F_250mm
 t1_tse_sag_384
 t2_tse_rst_sag_384

NEW TSP

LOCALIZER
 T2 SAG
 T1 FLAIR SAG
 t1_vibe_tra_2mm
 t2_tse_rst_tra_p2

LUMBAR

ROUTINE

LOCALIZER
 SAG T2 TSE RST FATSAT
 T1_FLAIR_Sag
 AXIAL pd TSE RST
 AXIAL T2 TSE RST
 AXIAL T1 SE MSMA

SIEMENS MAGNETOM TrioTim syngo MR B15

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SPINE001

LUMBAR

ROUTINE

INJECTION
 SAG T1 2DFL POST
 AXIAL T1 SE FS MSMA
 SAG T1 FLASH
 T2 STIR SAG
 t2_spc_rst_sag_p3_iso
 T1 AX FLASH

OPTIONAL

SAG 3D T2 SPACE ISO
 SAG T2 RST FS
 SAG T1 TSE
 SAG T2 STIR
 AX T2 TSE RST
 AXIAL T1 FLASH MSMA
 SAG T1 FLAIR-NEW
 SAG T1 2D FLASH
 T2 SAG FS

DIFFUSION

DIFFUSION SAG
 DIFFUSION SAG H-F

Ispine 4-07

LOCALIZER
 SAG T2 TSE RST FATSAT
 SAG T1 FLAIR
 AXIAL T2 TSE RST
 AXIAL PD TSE 150
 AXIAL PD TSE 130

SPINES001

C - SPINE

ROUTINE

localizer_Home_0mm
 T2 TSERestore Sag 220fov
 T2GE_medic2d_Ax_p2
 T2 TSE RESTORE AXIAL
 T1_TSE_SAG

ROUTINE + GAD

localizer_Home_0mm
 T2 TSERestore Sag 220fov
 T2GE_medic2d_Ax_p2
 T2 TSE RESTORE AXIAL
 T1_TSE_SAG
 T1 AX PRE
 INJECTION
 T1 AX POST FS
 T1_TSE_SAG_POST

FAST

localizer_H_0mm
 T2 TSERestore Sag 220fov
 T2 TSE RESTORE AXIAL
 T2GE_medic2d_Ax_p2
 T1_TSE_SAG_Quick

METAL

localizer_H_0mm
 T2 TSERestore Sag Satheart
 T2 TSE RESTORE AXIAL
 t1_tirm_sag_dark-fluid
 T1_tse_Ax
 T2GE_medic2d_Ax_p2
 T2 AXIAL FOR METAL

OPTIONAL

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\\USER

SPINES001

C - SPINE

OPTIONAL

T1 Sag IR 3m 240fv 320
 T1 3D VIBE AXIAL FS POST C
 T1 FLash3D Sag 2m
 T2 TSE Restore Sag B13 2m
 T2 SAG Runge 2m 3min
 t2_spc_rst_sag_p3_iso
 T1 3D VIBE AXIAL
 T1 3D VIBE AXIAL FS POST C
 T1_tse_Ax
 T1_tse_Ax
 T1_tse_Ax +C
 T1 IR SAG +C
 T1_tse_Ax +C
 t2_tse_rst_sag_320_3000_90
 t2_flash_axial
 t2_tirm_sag
 t1_tse_sag POST FS
 t1_fl2d_tra POST FS

L S - SPINE

APPS 5-8

localizer
 T2 SAG
 T1_FLAIR_Sag
 T2 R_ AXSLAB
 T2 R Ax MSMA_320X224X3.5m
 t2_spc_rst_sag_p3_iso
 t1_tse_sag
 T2 SAG P2

Quick L-S Spine4_25_07

localizer
 T2 TSERestore SaG
 T1 Sag
 T2 R_ AXSLAB_384X288 4m
 T2 R Ax MSMA_320X224X3.5m
 T2 SAG

OPTIONAL

t1_tse_sag_320
 t2_spc_rst_sag_p3_iso
 T1AX FL pc
 T1 AX 3D
 T1 Ax tse 4_12_07
 T1 AX GE GROUP

APPS 5-8001

localizer
 T2 SAG
 T1_FLAIR_Sag
 T2 R_ AXSLAB
 T2 R Ax MSMA_320X224X3.5m
 t2_spc_rst_sag_p3_iso
 t1_tse_sag
 T2 SAG P2

WHOLE SPINE

ROUTINE

Introduction
 ___ c-spine ___
 localizer_H_0mm
 t2_tse_rst_sag_320
 t1_tse_sag_320
 ___ t-spine ___
 localizer_F_200mm

SIEMENS MAGNETOM TrioTim syngo MR B15

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\\USER
|
| SPINES001
| |
| | WHOLE SPINE
| | |
| | | ROUTINE
| | | |
| | | | t2_tse_rst_sag_320
| | | | t1_tse_sag_320
| | | | ___ l-spine ___
| | | | localizer_F_400mm
| | | | t2_tse_rst_sag_320
| | | | t1_tse_sag_320
| | | |
| | | | SPINE LOC
| | | | Introduction
| | | | ___ c-spine ___
| | | | SAG localizer_H_0mm
| | | | COR localizer_H_0mm
| | | | ___ t-spine ___
| | | | SAG localizer_F_200mm
| | | | COR localizer_F_200mm
| | | | ___ l-spine ___
| | | | SAG localizer_F_400mm
| | | | COR localizer_F_400mm
```