

Patient Name: _____

RT#: _____

MR Linac Linac SIM Checklist

	RTT	PHY	MD	Time
Setup				
Confirm no interrupts, interlocks on Integrity				
Confirm gantry at 0 degrees				
Confirm patient deleted off of Philips Host				
Clean Online and Offline Monaco Import Directories				
Confirm patient is closed on Offline Monaco				
Optional: Update couch QA position file to patient index and restart services				
Open and configure Moniqa, ArtQA, Online Monaco, Offline Monaco, Shadows				
If ATS: Launch MIM and set search date to TODAY				
Optional: Open MVIC and enable iCom				
Daily MR Assessment (no bra with metal underwire or clasps)				
Ear plugs, headphones with music, no loops				
Shift patient laterally if required by Imaging-Only Study B0 Map				
Ensure BOTH patient verification and setup confirm buttons pressed on TSM				
Pre-Beam				
Optional: Acquire orthogonal fields in QA mode				
Optional: Run "FH MRL Review Orthogs" workflow in MIM				
Manually push daily MR to <Online Monaco, Bloch, MIM>				
Confirm all daily MR slices transferred (100% in Job Queue on Philips Host)				
Workflow Decision				
If AP shift > +/-1cm tolerance, use Adapt to Shape				
Adapt to Shape				
Run "FH MRL Setup Parallel Contouring" workflow in MIM				
Confirm patient (external) contour is correct (use sagittal or coronal views)				
Run "FH MRL Post Parallel Contouring" workflow in MIM				
Contour approval				
View Synthetic CT; confirm electron density assignment (feces or air?)				
Acquire verification image during optimization				
Optional: Perform ATP on verification image; confirm with cine imaging				
Plan Evaluation				
Initiate motion monitoring				
Run Moniqa, ArtQA				
Post-Beam				
DICOM export B0, qMRI images to MIM Clinical				
Optional: Generate DRRs from daily MR and compare against orthogs in MIM				
Reset QA couch longitudinal to 267cm and restart services				
Review sequences (visibility of air, shape change on verification image)				
Adjust Plan of Care (Pre-Beam, Post-Beam, Beam-On sequences)				
Verify Adaptive Strategy in Offline Monaco				
Update MR-gRT Directives eScribe document				
7/15/2019	Date/Initials:			