



CHECKLIST FOR TRAINING NEW MRI USERS

MRI USER NAME: _____ TRAINING PERFORMED BY: _____

DATE AND PLACE: _____

Guidelines for using the 7T MRI at MIC Booking, User responsibility, Main rules of conduct	
Safety rules and procedures Projectile or missile effect, Implants and foreign bodies, Cryogenics	
MRI system components and daily operation Turning equipment on/off	
Animal handling and anesthesia Animal bed, warming blanket, positioning, anesthesia gases	
Animal monitoring equipment Respiration, temperature and cardiac monitoring	
Basic scanner operation Creating a first scan: patient/reg/study, Paravision structure, Tri-Pilot, initial adjustments and calibrations, scan protocols, loading a new scan, cloning a scan/reco, undoing a scan/reco, deleting a scan/reco	
Controlling/adjusting basic imaging parameters Changing geometry (slice positioning, resolution, FOV) Changing SNR (resolution, scan time) Changing MR contrast (TR, TE, flip angle)	
Resources and References Paravision manuals, MRI books, internet resources	
Image analysis ROI analysis, ISA tool, DTI tool, other image analysis software	
Transferring MR data from the scanner Raw and DICOM data, backing up	
Finishing up Turning equipment off, cleaning and disinfecting procedure, logbook	