CHECKLIST FOR WHEN YOU BEGIN SCANNING

Have you placed the right bed base and bed tip onto the table?
• Make sure you have either the mouse or rat base and the tip corresponding to the RF coil that you will be using. Everything is color-labeled.
Have you connected the appropriate RF coil to the back of the magnet?
• Choose the coil based on your application (head/brain/body)
Have you connected anesthesia line to the mask?
• Connect the gas lines (O_2) to the wall outlet • Turn on O_2 to fill the empty space in the tubing with gas • Open the anesthesia vaporizer 1 min before bringing the animal to MRI NOTE: keep the vaporizer running while changing the animal
Have you turned on the hot-water circulation system?
• Connect either the heating blanket or the water tubing from the bed base to the water circulation system • Turn on the water pump by first, pressing on the on/off switch, and then pressing on the start button • Set the water temp. to app. 60 ^{0}C if using blanket and 65 ^{0}C if using bed base
Have you placed a paper towel on the bed?
• Paper tissue helps contain animal secretions and makes cleaning the bed easier • Tissue should not be too thick if you are heating the animal from the base
Have you turned on the power of MRI electronics?
• Turn on the system by pressing the green switch labeled *power*
Have you started the animal monitoring software?
• Turn on the laptop in the MR control room • Start PC Sam32 software by double-clicking on the icon and then pressing "Click here to start monitor with the selected set up above" • Check that the respiration sensor and temperature probe are connected to the Respiration and Temp/ECG module, respectively
Have you logged into your user on the MR machine?
• Once you log in, start PV6.0.1, create a new dataset and run a Localizer scan • Start scanning – be patient, take good care of animals and equipment, and do not rush! • Contact Hans Olav (hans.rolfsnes@uib.no) or Kai (kai.brandt@cih.uib.no) if you run into problems that you cannot solve • Good luck!