

AIRC MRI Contrast Media Administration Guidelines

Prior to MRI Study

If contrast medium injection is indicated for an MRI study in AIRC, the study coordinator should determine prior to the study if the subject had had past issues with blood draws or IV placement. If so, **IV therapy** may need to be called, which can take upwards of 45-90 minutes for nurses to arrive from clinics to obtain IV access.

Day of MRI Study

If assessment of kidney function is required as per study protocol, point of care testing for serum creatinine level can be performed by the MRI Technologist at AIRC. The GFR cutoff value for “go” or “no go” decision on contrast medium injection should be based on the specific IRB-approved study protocol.

Subject Monitoring

All subjects receiving contrast medium injection should be monitored both verbally/visually and via heart rate monitor. The MRI technologist will ensure the working condition of the monitoring device and connect the MRI-compatible monitor to the subject.

Ferumoxytol Administration

An RN or MD must be present during and after Ferumoxytol administration to monitor and interpret vital signs, and initiate an action if an adverse event occurs.

Documenting IV Contrast Media Injections

The AIRC MRI Technologist will document details of each contrast medium injection, including placement of IV catheter, volume of injected contrast medium, injection rate, and volume of saline flush.