

Neuro Imaging at University of Colorado

Intraoperative MRI & GE 3.0T

In the field of neurosurgery there is probably nothing more important than accurate, state of the art imaging. We strive to keep our imaging capabilities as advanced as possible, given the overall cost of health care. We are constantly reviewing new technologies to enhance our surgical capabilities and outcomes. These are only two of the many advanced imaging capabilities we offer.



Intraoperative magnetic resonance imaging refers to an operating room configuration that enables surgeons to image the patient via an MRI scanner while the patient is undergoing surgery, particularly brain surgery.

3T MRI has a stronger magnet and makes better images of organs and soft tissue than other types of **MRI** do. It is used to make images of the brain, the spine, the soft tissue of joints, and the inside of bones and blood vessels. Also called **3 Tesla** magnetic resonance imaging and **3 Tesla MRI**.

