



MRI-Magnetic Resonance Imaging

Understanding MRI

MRI is a non-invasive medical test that helps physicians diagnose and treat medical conditions. MRI uses a powerful magnetic field, radio frequency pulses and a computer to produce unparalleled detailed pictures of organs, soft tissues, bone and virtually all other internal body structures.

Detailed MRI images allow physicians to better evaluate various parts of the body and determine the presence of certain diseases that may not be assessed adequately with other imaging methods.

High-field open MRI enables the discovery of abnormalities that might be obscured by bone with other imaging methods.

Why MRI?

MRI images of the soft tissue structures of the body, such as the heart, liver and many other organs, are more likely to identify and accurately characterize diseases than other imaging methods. This detail makes an MRI an invaluable tool in early diagnosis and evaluation of many lesions and tumors. BRMC now offers cardiac, breast, and prostate MRI.

Depending on what information is needed, a contrast agent may be given intravenously to assist in the visualization of certain structures in your body.

The MRI examination poses almost no risk to the average patient when appropriate safety guidelines are followed.

Talk to your doctor about an MRI on BRMC's Siemens Magnetom Espree High-Field Open MRI. The large bore virtually eliminates claustrophobia, with the best image quality possible. Your physician will be able to see more and treat more effectively.