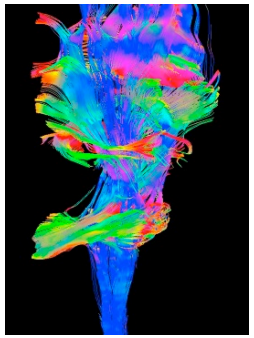
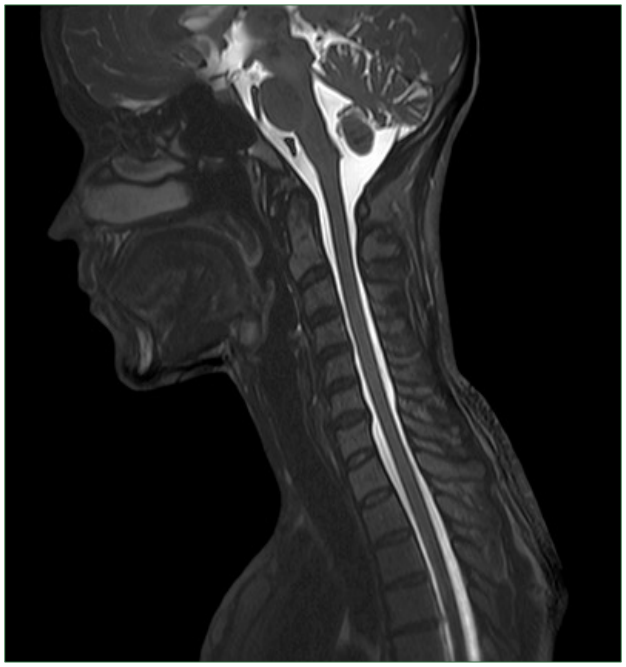
UAB HEERSINK SCHOOL OF MEDICINE
The University of Alabama at Birmingham

Research MRI Core and Civitan International Neuroimaging Laboratory

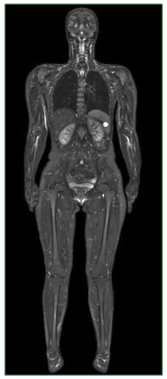


The Civitan International Neuroimaging Laboratory (CINL) is located on the first floor of UAB Highlands Hospital. It houses a research dedicated Siemens Prisma 3T whole body scanner for structural and functional brain imaging, MRI preparation rooms and interview rooms for pre- and post-scan patient monitoring and testing, and a fully-equipped experimental suite for behavioral and physiological recording. Research equipment is housed in a dedicated room adjacent to the scanner room with a dedicated research penetration panel.

The Siemens MAGNETOM Prisma MRI Scanner offers a 3T whole body MRI platform for the highest quality MRI research. Its design delivers maximum performance under prolonged high-strain conditions. Unmatched 3T full body magnet homogeneity, XR 80/200 gradient coil, parallel transmit architecture for shaped excitation and B0 shimming, and at-the-scanner 64 channel receiver architecture. UAB's Prisma is configured for neuroimaging with a 64 channel neuro coil and Spectroshim spectroscopy shimming hardware.



Service	Cost/hour
Imaging, UAB	$500
Imaging, External	$750
Red eye rate (9pm to 4am)	$250
Animal tech, UAB	$35
Animal tech, External	$55
Physicist time, UAB	$150
Physicist time, External	$250



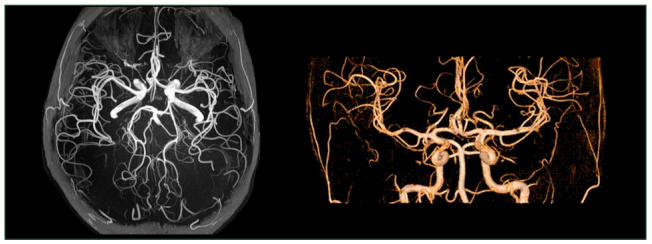
Changes on the horizon:
Imaging costs will rise to $600 in mid 2024
New magnets will be operational in 2024:
- 3T GE Premier with AIR coil technology and 70-cm bore
- 0.55T Siemens FreeMax with 80-cm bore

Polarean HPX Xenon-129 hyperpolarizer bringing new MR lung imaging capabilities to the region

The facility has a large selection of coils to ensure optimal image quality for your particular application:
- 64 channel neuro
- 20 channel head and neck
- Head CP T/R
- Spine
- Anterior Array / Cardiac
- A variety of smaller special purpose coils including coils for human eye imaging and small animal imaging

We can also provide:
- Stimulus delivery (audio, visual, and tactile)
- Response hardware
- Vital signs monitoring and recording
- MRI compatible anesthesia and ventilation

We will work with you to build specialized equipment for your particular needs!



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