

One Brain. Multiple Dimensions. Deeper Insight.

Traumatic brain injuries can affect the brain's white-matter pathways in ways that may not be fully visible on conventional MRI or CT. DTI adds another dimension—mapping white-matter pathways and providing quantitative insight into brain connectivity and microstructure. For PI providers, DTI can complement conventional imaging with objective, measurable information to help provide a more comprehensive evaluation of patients with suspected TBI.

WE ARE PROUD TO OFFER DTI STUDIES!

ASK US ABOUT IT

Dallas

1450 Regal Row, Dallas, TX 75247

GE 3T with AIR Recon DL MRI

Arlington

1106 West Arbrook Blvd #104, Arlington, TX 76015

Siemens 3T MRI

Garland

3921 Broadway Blvd, Garland, TX 75043

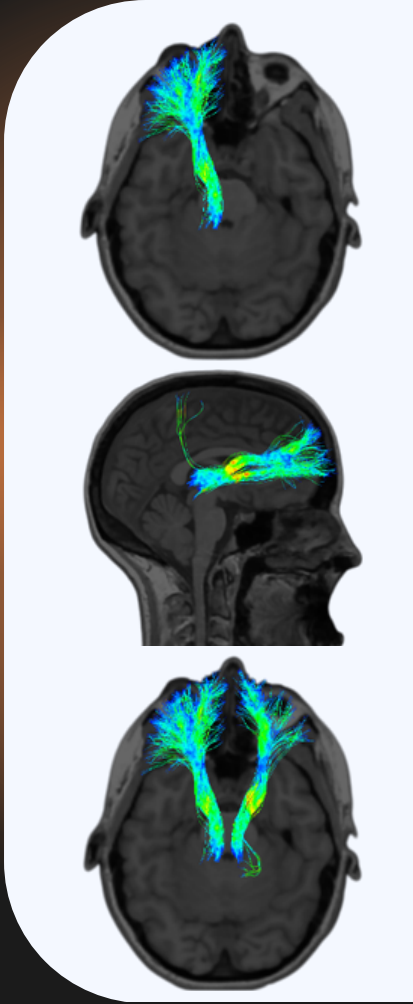
GE 1.5T with AIR Recon DL MRI

dfwopenmri.com

214.320.1400

214.320.1402

DTI Sample Report



Advantis + NeuroQuant
Our Analysis Software

Advanced Brain Imaging for TBI is a multidimensional approach designed to provide a deeper look at the brain following traumatic injury. Using Advantis Brainance as the primary advanced imaging platform, DTI and advanced tractography can provide quantitative information about white-matter microstructure and visualize major neural pathways that may not be fully characterized through conventional MRI alone.

NeuroQuant complements this analysis by providing quantitative measurements of overall brain volume and atrophy, with comparison to age-matched normative data. Together, these technologies provide the interpreting physician with multiple perspectives of the brain—including structural anatomy, volumetric changes, white-matter characteristics, and neural pathways—creating a more comprehensive imaging assessment for patients with suspected TBI.

WEBSITE

Why use DTI?

Go Beyond the Conventional Brain MRI.

When a personal-injury patient presents with a suspected traumatic brain injury, conventional MRI may not provide the complete picture. Diffusion Tensor Imaging (DTI) adds an advanced, quantitative layer of analysis by evaluating white-matter microstructure and visualizing neural pathways through advanced tractography. For PI providers, incorporating DTI can provide additional objective imaging information that may complement the patient's clinical findings and conventional MRI results. At DFW MRI, our advanced brain imaging approach is designed to give physicians a more comprehensive view of the brain—helping bring greater depth, measurable data, and additional insight to the imaging evaluation of TBI patients.