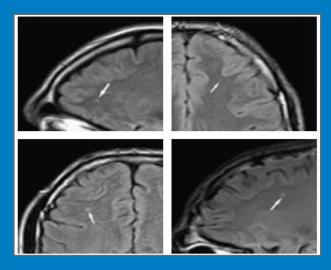
# A COMPREHENSIVE APPROACH FOR RELIABLE RESULTS.

Some post-traumatic brain injuries are easily assessed with standard CT and MRI scans. But for a truly accurate diagnosis you need to go beyond basic techniques for an all-around, in-depth look. That's what SimonMed provides. Our highly specialized equipment offers an additional seven sequences for a 100% complete and precise picture.

It's your diagnosis.

Partner with the best.



#### **OUR VISION**

SimonMed was founded on the belief that every single person should be able to receive the very highest level of care, by leading specialists in every radiology discipline, using the newest diagnostic imaging technologies – and that it should be affordable and easily accessible. We are committed to providing the most accurate diagnoses in a safe, supportive, compassionate environment.



#### **ACCURATE RESULTS**

The most reliable diagnoses from the largest private specialized outpatient radiology group in the country.



#### **AVAILABLE ON LIEN**

No payment up front, liens held by SimonMed.



#### **CONVENIENT LOCATIONS**

Anthem, Camelback, Casa Grande, Estrella, Fountains, Mesa Desert/Tempe, Paradise Valley, Phoenix, Thompson Peak, and Orange Grove



#### ADVANCED TECHNOLOGY

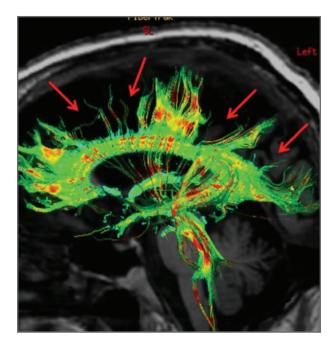
Specializing in expert diagnostic imaging technologies.



#### **COMPREHENSIVE CARE**

Experts who cover all areas of radiology so you are in the very best hands at all times.



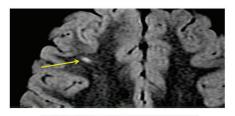


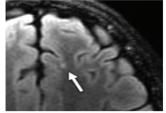
## TRAUMATIC BRAIN INJURY IMAGING

#### A COMPLETE IMAGING ASSESSMENT

#### **Evaluation Of Shear Injury**

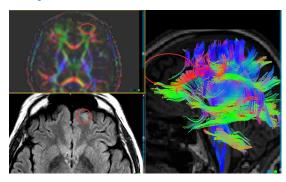
Sensitive white matter sequence shows characteristic lesions.





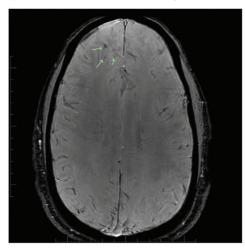
#### **Diffusion Tensor (DTI)**

Quantitative and qualitative assessment for evaluation of axonal injury. DTI is an advanced MRI procedure that is both FDA approved and has been ruled admissible under the Dubert standard in many State and Federal courts.



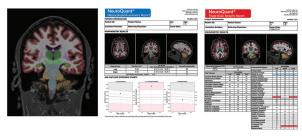
#### **Susceptibility Weighted (SWI)**

Sensitive sequence on 3T MR for residual of post traumatic hemorrhage.



### **Hippocampal Atrophy And Neuroquant**

The hippocampus is one of the earliest areas of the brain to show damage following head trauma. SimonMed uses NeuroQuant software to quantitate volume loss vs. normal controls.



NeuroQuant is a registered trademark of CorTechs Labs, Inc

#### **Ventricular Enlargement**

Another sign of underlying brain injury and predictor of cognitive outcome.





#### **Corpus Callosum Atrophy**

Another sign of underlying brain injury.

