



# AUTHENTIC4D

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## NEWSLETTER

TBI claims are often complex and costly, accounting for \$76.5 billion each year. Difficult to begin with, they are further complicated by new and controversial imaging technologies such as DTI and Neuro Quant. The best way to mitigate costs and downstream implications of TBI claims is to use the right resources. At A4D, our [fellowship trained](#), subspecialized neuroradiologists are equipped with the tools to tell an acute brain injury from a chronic or preexisting condition.

[Fellowship trained](#) neuroradiologists undergo an additional 1-3 years of schooling to develop an expertise in this area. Below are a few examples of brain pathology that a neuroradiologist specializes in diagnosing:

**Brain Bleed** - Technically called a contusion or hematoma, there are several types of brain bleeds including subdural, epidural, and subarachnoid. Depending on the location and severity of the bleed and injury, surgery may or may not be warranted, but careful monitoring is required.

**Chronic Small Vessel Disease** - As we age, changes take place all over the body. The brain is no exception. In this disease, the vessels in the white matter of the brain are affected. It may or may not cause any health issues and many healthy older patients have it without knowing it.

**Shear Axonal Injury** - Also called diffuse axonal injury, a shear injury occurs when there is stretching or shearing of brain tissue. This results in hemorrhages in the white matter tracts of the brain and can lead to immediate coma. On an MRI, it can look similar to chronic small vessel disease. The two are vastly different and require different treatment, so having a knowledgeable radiologist is paramount in these cases.

If you'd like to learn more about how A4D can help you on your way to claims success in TBI cases, please [fill out this form](#).

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Source: Traumatic Brain Injury. [https://ww2.authentic4d.com/e/756213/tments-Traumatic-Brain-Injury-/31cky5/200296592?h=60\\_iPtISnakoh8DXCFwd-iED-NUuioirkvm83jIcJNqg](https://ww2.authentic4d.com/e/756213/tments-Traumatic-Brain-Injury-/31cky5/200296592?h=60_iPtISnakoh8DXCFwd-iED-NUuioirkvm83jIcJNqg) Updated February 3, 2020

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