

HANDOUT 2: MORE RESOURCES ABOUT TBI

Free hour-long conference call to answer questions:

Tuesday June 16, 10 am-11 am

Email me if you are interested in participating in this: vestone@assesscompetency.com, to get the phone number to call and further details.

Powerpoint slides from my talk, tip sheets, and articles are available at

www.assesscompetency.com

Information about brain injury, or finding a neuropsychologist:

Brain Injury Association of Colorado <http://www.biacolorado.org/>

Brain Injury Association of America <http://www.biausa.org/>

Colorado Neuropsychological Society <http://www.coloradoneuropsych.org/>

Colorado Psychological Association <http://www.coloradopsych.org>

Books:

Head Injury: The Facts, by D Gronwall, P Wrightson, and P Waddel (Oxford, UK: Oxford Medical Publications/Oxford Univ Press, 1998)

Assessment of Feigned Cognitive Impairment: A Neuropsychological Perspective, Edited by KB Boone (NY: Guilford Press, 2007)

100 Q & A About Head and Brain Injuries, by R Jandial, CB Newman, and SA Hughes (Sudbury, MA: Jones & Bartlett Publishers, 2009)

Mild Traumatic Brain Injury and Postconcussion Syndrome: The New Evidence Base for Diagnosis and Treatment (AACN Workshop Series, by MA McCrea (NY: Oxford University Press, 2007)

Head Injury: Information and Answers to Commonly Asked Questions; A Family's Guide to Coping, by CD Sturm, CR Forget Jr, and JL Sturm (St. Louis, MO: Quality Medical Publishing, 1998)

A useful online video: Dr. Marilyn Kraus talking about using diffusion tensor imaging to show the effects of even mild traumatic brain injury:

<http://www.cimit.org/forum/forum-neuro-09.16.08.Kraus.html>

(Definitely skip the first 2 minutes – it's just a moderator giving her a boring introduction)

From 6:00 minutes to 9:30 minutes is particularly relevant to why a direct impact is not necessary to cause structural damage in TBI, and how damage from TBI is not a discrete event that occurs at the moment of impact, but is an ongoing process after the event; why some problems experienced by TBI victims are dismissed by clinicians; why CT scans and regular structural MRI scans don't show damage.

Protecting Clients With Brain Injuries: New Ways to Assess Disability

Dr. V.E. Stone

CLE 06.05.2009, Social Security Disability Hot Topics 2009

9:45 minutes to 12:30 minutes: Consequences of TBI, and how it is important measure behavioral problems, bodily symptoms, and mood problems, not to restrict assessment to cognitive problems after TBI.

13:00 minutes – 15:20 minutes: Why has mild TBI been so controversial, in showing what the physical changes in the brain are? How new technologies can resolve these controversies.

17:00 – 18:00: Cautionary notes on limitations on various types of imaging technology.

18:35 26:00: Summary of what DTI is, and how it's different from MRI. Very technical. Unless you love physics, skip this bit.

26:00 – 26:45: Why visual inspection of DTI images will not tell you what the structural damage is, why you need sophisticated mathematics to tell.

28:00 – end : Description of the study published in this article:

MF Kraus, T Susmaras, BP Caughlin, CJ Walker, JA Sweeney & DM Little (2007). White matter integrity and cognition in chronic traumatic brain injury: a diffusion tensor imaging study. *Brain*, Vol. 130, pp. 2508-2519.