



# **THANK YOU FOR ATTENDING!** POST-CONCUSSION SYNDROME (*IT'S ALL IN YOUR HEAD*)

We hope you found our recent presentation, Post-Concussion Syndrome (*It's All in Your Head*), engaging and informative. We covered essential aspects of mild Traumatic Brain Injury (mTBI) and post-concussion syndrome (PCS), providing a comprehensive review of mTBI incidence and definition.

Additionally, we explored nuanced characteristics of PCS and addressed pre-injury factors influencing impairment after mTBI, including a discussion on co-morbidity and psychiatric overlap with depression, PTSD, and chronic pain. Our thorough review of evidence surrounding the validity of PCS as a distinct disease entity contributed to a well-rounded exploration of this significant medical conundrum.

# **DR. QUICKFALL PRESENTATION HIGHLIGHTS:**

Addresses Persistent Post Concussion Syndrome (PPCS) and its factors as well as major depressive order caused from Mild Traumatic Brain Injury (mTBI).

- PPCS is a major public health issue
- Development of PPCS influenced by:
  - Pre-existing: cognitive bias, depression/anxiety, psychosocial factors
  - Incident: degree of stress/trauma
  - Post-injury: PTSD, depression, pain, health care attitudes/litigation
- Role of study populations is unclear but some conclusions are fairly consistent
- Post-concussion syndrome mostly represents PTSD in studied populations and is not a valid disease construct
  - Headache, dizziness more likely directly associated with mTBI but still often associations with psychological outcomes
- Multiple symptom clusters post-concussive, PTSD, pain frequently exist together
  - Often require concurrent treatment
  - More symptoms = more disability
- The impact of structural brain trauma on prognosis, from an mTBI, is still unclear





## **JEREMY QUICKFALL, MD FRCPC**

Departments of Psychiatry & Clinical Neurosciences Cumming School of Medicine, University of Calgary

- Dr. Jeremy Quickfall, licensed psychiatrist in Alberta since 2006
- Fellowship from the Royal College of Physicians and Surgeons of Canada in Psychiatry
- Subspecialty certification in Behavioral Neurology and Neuropsychiatry
- Unrestricted appointment in the Alberta Health Services Calgary Zone Department of Psychiatry
- Clinical Assistant Professor at the University of Calgary in Psychiatry and Clinical Neurosciences
- Specializes in outpatient neuropsychiatry, including traumatic brain injury, and cares for individuals with chronic, severe mental illness
- Conducted over 500 third-party psychiatric examinations since 2010, providing expert testimony in BC and Alberta.

# ${ \widehat{\bigcirc} }$ our assessment and evaluation services

Based on decades of industry experience, deep medical background, and extensive business knowledge, the Integra service model is intentionally designed to support and guide legal counsel.

### OUR CORE ASSESSMENT SERVICES INCLUDE:

- Independent medical evaluation
- Psychological and neuropsychological assessment
- Vocational rehabilitation evaluation
- Functional abilities evaluation
- In-home assessment
- Future cost of care assessment

### **OUR CORE CONSULTATION SERVICE INCLUDE:**

- Expert opinion review and responsive opinions
- Expert testimony preparation and delivery
- Clinical triage of complex medical issues
- Review of standard of care and causation matters
- In-home and hospital discharge supports
- Workplace accommodation guidance



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Erica is known for building strong, lasting relationships based on mutual trust and solid advice. She works transparently and honestly to connect assessment and rehabilitation allies. With over 25 years experience in the medical assessment industry, she is a court qualified medical legal expert, clinical consultant, and evaluator in the areas of functional capacity and cost of future care.



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Alexa has worked in the Independent Medical Assessment industry since 2015 in business development and client relationship management roles. She prides herself in her customer-focus and attention to details, being both accessible and flexible. Alexa places a very high value on quality of service and you can always expect her to be reliable, authentic and compassionate.



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Bob has decades of experience in the medical legal arena, both as a clinician working as a Case Manager and Employment Counselor as well as a Business Development Director with a variety of rehabilitation and related providers throughout Ontario. Bob has built relationships across the medical legal space for almost four decades.

