



Survey

Paediatric concussion management

Concussion is a complex pathophysiological process affecting the brain, induced by traumatic biomechanical forces, and resulting in the rapid onset impairment of neurological function. The decision regarding return to play following concussion or mild traumatic brain injury is one of the most difficult and controversial areas in concussion management.

This survey will collect data on how frequently participants see paediatric patients with concussions, their screening practices and management of return to play. Survey results could inform on knowledge gaps and lead to professional and public education initiatives.

Your contribution is greatly appreciated.

1. **Over the past 12 months**, how many children/youth have you seen with newly diagnosed concussion or mild traumatic brain injury (concussion/mTBI)? _____
 I have a specialty or subspecialty practice that would not include these patients.
If you have not seen any, **we thank you for participating in this survey.**
2. Of these patients, I cared for _____% directly, referred _____% to another consultant or _____% to a primary care physician.
If your answer is "0%" to direct care, **we thank you for participating in this survey.**
3. Which guidelines do you use in your management of these patients? Check all that apply.
 American Academy of Neurology
 American Academy of Pediatrics
 Canadian Academy of Sport and Exercise Medicine
 Canadian Paediatric Society (2006, 2012*)
 Concussion in Sport Group (Zurich 2009, Prague 2004, Vienna 2001)
 Other, specify _____
4. Which of the following criteria do you use in determining that a patient has become asymptomatic from a concussion/mTBI? Check all that apply.
 Free from all concussion symptoms, by patient report
 Free from all concussion symptoms, by proxy report (parent or other)
 Free from continuous daily (unremitting) headache
 Free from intermittent headache (present some days, absent others)
 Recovered to baseline symptom score; e.g., SCAT2 – Sport Concussion Assessment Tool2, CSI – Concussion Symptom Inventory
 Recovered to normal population symptom scores; e.g., SCAT2, CSI
 Recovered to zero/near zero symptom scores; e.g., SCAT2, CSI
 In school full-time, with usual school performance
 Neurocognitive testing within normal population values; e.g., Axon Sports, Cogstate Sport, ImPACT test Canada
 Neurocognitive testing recovery to baseline values; e.g., Axon Sports, Cogstate Sport, ImPACT test Canada
 Normal physical examination
 Normal physical examination after exertion
5. Once a patient becomes asymptomatic, do you initiate a return to play immediately? Yes No
If no, how long do you generally recommend before initiating return to play? _____ days
6. How long do you generally recommend for a return to play sequence (from initiation of activity to unrestricted activity)? _____ days
7. Have you recommended getting baseline studies (symptom scales or psychological tests) for any patient or groups of patients? Yes No If yes, specify which studies? _____

* www.cps.ca/english/statements/HAL/HAL12-01.htm

Please return this survey in the enclosed self-addressed envelope.

Thank you for your participation.

02/2012