**Supplemental Digital Content 1. State of consensus for each category**

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| **Description of signs and symptoms** | | | | | |
| **Item** | **Median** | | | | **State of consensus (round)** |
| **R2** | **R3** | **R4** | **R5** |  |
| 1. Any symptom that appeared after the mTBI | 7 | 7 | 8 | - | **Adopted (R4)** |
| 1. Headache | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Photophobia | 8 | 7 | 8 |  |  |
| 1. Phonophobia | 6 | 6 | 7 |  |  |
| 1. Pain | 4 | 4 | 2 |  |  |
| 1. Fatigue | 9 | 9 | - | - | **Adopted (R3)** |
| 1. Insomnia | 6 | 5 | 5 |  |  |
| 1. Decreased tolerance to alcohol | 6 | 5 | 3 |  |  |
| 1. Tiredness | 9 | - | - | - | **Adopted (R2)** |
| 1. Dizziness or lightheadedness | 7 | 7 | - | - | **Adopted (R3)** |
| 1. Balance disorder | 7 | 8 | - | - | **Adopted (R3)** |
| 1. Tinnitus | 3 | 1 | - | - | Excluded (R3) |
| 1. Vision difficulties | 4 | 5 | 8 |  |  |
| 1. Blurred vision | 4 | 5 | 5 |  |  |
| 1. Double vision | 4 | 5 | 5 |  |  |
| 1. Neck pain | 3 | 2 | 1 | - | Excluded (R4) |
| 1. Nausea or vomiting | 4 | 4 | 4 |  |  |
| 1. Feeling of depression | 7 | 7 | 7 | - | **Adopted (R4)** |
| 1. Anxiety | 8 | 6 | 6 |  |  |
| 1. Emotional lability | 7 | 7 | 7 | - | **Adopted (R4)** |
| 1. Irritability or aggression on little or no provocation | 6 | 6 | 7 |  |  |
| 1. Frustration or impatience | 6 | 6 | 6 |  |  |
| 1. Personality changes (i.e. social or sexual inappropriateness) | 5 | 5 | 4 |  |  |
| 1. Apathy | 5 | 4 | 2 |  |  |
| 1. Lack of spontaneity | 5 | 1 | 1 | - | Excluded (R4) |
| 1. Frequent crying | 8 | 4 | 4 |  |  |
| 1. Restlessness | 3 | 2 | - | - | Excluded (R3) |
| 1. Trouble concentrating | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Memory impairment | 7 | 8 | - | - | **Adopted (R3)** |
| 1. Intellectual difficulties | 8 | 7 | 7 | - | **Adopted (R4)** |
| 1. Decreased information processing speed | 8 | 8 | - | - | **Adopted (R3)** |
| 1. Presence of cognitive symptoms | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Presence of physical symptoms | 6 | 7 | 7 |  |  |
| 1. Presence of emotional/behavioral symptoms | 7 | 7 | - | - | **Adopted (R3)** |
| 1. Symptoms in each of the three following categories must be present: cognitive, physical and emotional/behavioral | 7 | 7 | 1 |  |  |
| 1. Symptoms in each of the two following categories must be present: cognitive and emotional | 7 | 7 | 2 |  |  |
| 1. The mTBI included a loss of consciousness | 5 | 1 | - | - | Excluded (R3) |
| 1. The mTBI is significant (loss of consciousness, posttraumatic amnesia or convulsions) | 7 | 7 | 1 |  |  |
| 1. The symptoms are not better accounted for by another mental disorder | 8 | 8 | - | - | **Adopted (R3)** |
| 1. Intellectual and cognitive abilities diminished before the trauma | 5 | 2 | 1 | - | Excluded (R4) |
| **Number of symptoms** | | | | | |
| 1. The number of symptoms should be part of the definition of "persistent symptoms" | 5 | 2 | 1 | - | Excluded (R4) |
| **Intensity of symptoms** | | | | | |
| 1. The concept of intensity of symptoms should be part of the definition of "persistent symptoms" | 5 | 3 | 1 | - | Excluded (R4) |
| 1. Worsening of symptoms since mTBI | 6 | 4 | 1 |  |  |
| 1. No improvement in symptoms since mTBI | 7 | 6 | 9 |  |  |
| 1. Little improvement in symptoms since mTBI | 8 | 8 | 9 | - | **Adopted (R4)** |
| 1. Unresolved symptoms | 6 | 9 | - | - | **Adopted (R3)** |
| 1. Symptoms confirmed by objective testing | 6 | 7 | 9 |  |  |
| 1. Symptom that interferes with activities | 9 | - | - | - | **Adopted (R2)** |
| 1. Little improvement even following post-mTBI advice (rest, avoid alcohol, limitation of activity, medication) | 9 | - | - | - | **Adopted (R2)** |
| **Frequency of symptoms** | | | | | |
| 1. The concept of frequency of symptoms should be part of the definition of "persistent symptoms" | 8 | 9 | - | - | **Adopted (R3)** |
| 1. The symptoms should be present every day | - | - | 9 | - | **Adopted (R4)** |
| **Temporal relationship between mTBI and the onset of symptoms** | | | | | |
| 1. The concept of temporal relationship between mTBI and the onset of symptoms should be part of the definition of "persistent symptoms" | 8 | - | - | - | **Adopted (R2)** |
| 1. The symptoms should begin within hours of mTBI | - | - | 8 | 8 | **Adopted (R5)** |
| **Duration of symptoms** | | | | | |
| 1. The diagnosis should be made after a minimum of 3 months | - | - | 9 | - | **Adopted (R4)** |
| **Impact on the patient’s life** | | | | | |
| 1. The impact of the symptoms on the patient’s life should be part of the definition of "persistent symptoms" | 7 | 9 | - | - | **Adopted (R3)** |
| 1. No return to their previous state | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Has not resumed normal pre-mTBI activities | 9 | 9 | - | - | **Adopted (R3)** |
| 1. Avoidance of certain activities | 6 | 5 | 8 |  |  |
| 1. Impact on quality of life | 7 | 9 | - | - | **Adopted (R3)** |
| 1. Negative impact on work | 9 | 9 | - | - | **Adopted (R3)** |
| 1. Negative impact on school | 9 | 9 | - | - | **Adopted (R3)** |
| 1. Negative impact on personal life | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Negative impact on marriage/family | 8 | 9 | 9 | - | **Adopted (R4)** |
| 1. Negative impact on leisure | 7 | 7 | 9 | - | **Adopted (R4)** |
| 1. Impact on different spheres of life (work, personal, leisure) | 9 | - | - | - | **Adopted (R2)** |
| 1. Impact on one sphere of life | 7 | 9 | 7 |  |  |
| 1. Anxiety about resuming normal life activities | 6 | 5 | 5 |  |  |
| 1. Impact on functioning | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Feeling of uncertainty about the future | 7 | 5 | 2 |  |  |
| 1. Lack of dynamism from patient | 5 | 5 | 2 |  |  |
| 1. Symptoms that bother the patient | 7 | 6 | 8 |  |  |
| 1. Avoiding activities that may worsen symptoms | 6 | 5 | 6 |  |  |
| 1. Anxiety related to symptoms | 7 | 7 | 7 |  |  |
| 1. Anxiety about resuming normal life activities | 7 | 7 | 7 |  |  |
| 1. Uncertainty about the future | 7 | 5 | 1 |  |  |
| 1. Misunderstanding of the transient nature of symptoms | 7 | 6 | 4 |  |  |
| 1. Strong emphasis daily on symptoms | 7 | 8 | - | - | **Adopted (R3)** |
| 1. Fear of brain damage | 8 | 5 | 2 |  |  |
| 1. Hypochondriacal concerns | 7 | 6 | 2 |  |  |
| 1. Adoption of a sick role | 7 | 6 | 1 | - | Excluded (R4) |
| **Evaluation scales** | | | | | |
| 1. The definition of "persistent symptoms" should include the use of evaluation scale(s) | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Symptoms grid (Rivermead, postconcussion syndrome checklist, postconcussion scale-revised or other) | 8 | 9 | - | - | **Adopted (R3)** |
| 1. Cognitive test | 7 | 8 | 9 | - | **Adopted (R4)** |
| 1. Screening test (depression, post-traumatic stress disorder or other) | 8 | - | - | - | **Adopted (R2)** |
| 1. Physical test (motor, balance or other) | 7 | 8 | - | - | **Adopted (R3)** |
| 1. DSM-IV diagnostic criteria | 5 | 3 | 1 |  |  |
| 1. DSM-V diagnostic criteria |  | 5 | 5 |  |  |
| 1. International classification of disease (ICD-10) diagnostic criteria | 4 | 5 | 6 |  |  |
| 1. A threshold score for each symptom from the "Rivermead Postconcussion Symptom Checklist" should be part of the definition of "persistent symptoms" | 3 | 1 | 3 |  |  |
| 1. A threshold total score on the "Rivermead Postconcussion Symptom Checklist" should be part of the definition of "persistent symptoms" | 4 | 7 | 5 |  |  |
| 1. A threshold score for each symptom from the "Post-concussion Scale - Revised" or the "Post-concussion Symptom Scale" should be part of the definition of "persistent symptoms" | 5 | 4 | 3 |  |  |
| 1. A threshold total score on the "Post-concussion Scale - Revised" or the "Post-concussion Symptom Scale" should be part of the definition of "persistent symptoms" | 6 | 7 | 7 |  |  |