To develop a list of ICF items that may be addressed with our CPG, we found two articles that informed our thoughts, 1- Grill et al, addressing ICF core sets for vestibular dysfunction and 2-Sveen et al, addressing ICF items appropriate for individuals with mTBI.

***Grill et al study:*** Twenty-seven experts selected 100 second level categories for the comprehensive Core Set and 29 second level categories for the Brief Core Set. The development of the ICF Core Sets involved a formal decision-making and consensus process, integrating evidence from preparatory studies including qualitative interviews with patients, a systematic review of the literature, a survey with health professionals, and empirical data collection from patients.

***Sveen et al study:*** Six focus group interviews were performed with 17 participants in an outpatient rehab program for patients with mTBI. 108 second level categories were derived. All ICF categories with high to moderate frequencies were included in the Brief Core Set (n=17). 84% were included in the comprehensive core set.

What follows is the core set recommended by Grill et al in regular type. Additional items from the Sveen et al study (that would be addressed by PT intervention) are added into the lists in blue type. If items were listed in both papers, they are indicated **in bold type**. At the end of each section, there are some considerations that might be appropriate for those with concussion (beyond just vestibular complaints) *in italic type.*

b Body Functions - **BRIEF CORE SET**

b1 CHAPTER 1 MENTAL FUNCTIONS

b110 -Consciousness functions

b126 -Temperament and personality functions

b130 -Energy and drive functions

b134 -Sleep functions

b140 -Attention functions

b144 -Memory functions

**b152 -Emotional functions**

**b156 -Perceptual functions**

b160 -Thought functions

b164 -Higher-level cognitive functions

b2 CHAPTER 2 SENSORY FUNCTIONS AND PAIN

**b210 -Seeing functions**

b215 -Functions of structures adjoining the eye

b230 -Hearing functions

b235 -Vestibular functions

**b240 -Sensations associated with hearing and vestibular function**

b260 -Proprioceptive functions

 b280 -Sensation of pain

b7 CHAPTER 7 NEUROMUSCULOSKELETAL AND MOVEMENT-RELATED FUNCTIONS

b770 -Gait pattern functions

*Not included in either BRIEF CORE SET, but may want to consider from comprehensive set:*

*b147 -Psychomotor functions*

*b710 -Mobility of joint functions
b730 -Muscle power functions
b735 -Muscle tone functions
b760 -Control of voluntary movement functions*

*b4 CHAPTER 4 FUNCTIONS OF THE CARDIOVASCULAR, HAEMATOLOGICAL, IMMUNOLOGICAL AND RESPIRATORY SYSTEMS*

*b420 -Blood pressure functions*

*b440 -Respiration functions*

***b455 -Exercise tolerance functions***

**s Body Structures -** **BRIEF CORE SET**

s1 CHAPTER 1 STRUCTURES OF THE NERVOUS SYSTEM

**s110 -Structure of brain**

s120 -Spinal cord and related structures

s2 CHAPTER 2 STRUCTURE OF THE EYE, EAR AND RELATED STRUCTURES

s260 -Structure of inner ear

s4 CHAPTER 4 STRUCTURES OF THE CARDIOVASCULAR, IMMUNOLOGICAL AND RESPIRATORY SYSTEMS

s410 -Structure of cardiovascular system

s7 Chapter 7 STRUCTURES RELATED TO MOVEMENT

 s710 -Structure of head and neck region

*Not included in either BRIEF CORE SET but may want to consider from comprehensive set:*

 *s140 -Structure of the sympathetic nervous system*

*s150 -Structure of the parasympathetic nervous system
s750 -Structure of lower extremity*

**d Activities and Participation - BRIEF CORE SET**

d1 CHAPTER LEARNING AND APPLYING KNOWLEDGE

 d166 -Reading

d2 CHAPTER 2 GENERAL TASKS AND DEMANDS

d220 -Undertaking multiple tasks

**d230 -Carrying out daily routine**

d240 -Handling stress and other psychological demands

d3 CHAPTER 3 COMMUNICATION

 d350 -Conversation

d4 CHAPTER 4 MOBILITY

d410 -Changing basic body positions

d415 -Maintaining a body position

**d450 -Walking**

d455 -Moving around (includes running, jumping)

d460 -Moving around in different locations

d469 -Walking and moving, other specified and unspecified

**d475 -Driving**

d5 CHAPTER 5 SELF-CARE

 d570 -Looking after one’s health

d6 CHAPTER 6 DOMESTIC LIFE

d640 -Doing housework

d660 -Assisting others

d7 CHAPTER 7 INTERPERSONAL INTERACTIONS AND RELATIONSHIPS

 d720 -Complex interpersonal interactions

d750 -Informal social relationships

 d760 -Family relationships

d8 CHAPTER 8 MAJOR LIFE AREAS

 d850 -Remunerative employment

d9 CHAPTER 9 COMMUNITY, SOCIAL AND CIVIC LIFE

 d920 -Recreation and leisure

*Not included in either BRIEF CORE SET, but may want to consider from comprehensive set:*

*d210 -Undertaking a single task*

*d420 -Transferring oneself*

***d430 -Lifting and carrying objects***

*d445 -Hand and arm use*

*d1 CHAPTER 1 LEARNING AND APPLYING KNOWLEDGE*

***d160 Focusing attention***

*d8 CHAPTER 8 MAJOR LIFE AREAS*

 *d810-d839 Education*

 *d840-d859 Work and employment*

1. Grill E, Bronstein A, Furman J, Zee DS, Müller M. International Classification of Functioning, Disability and Health (ICF) Core Set for patients with vertigo, dizziness and balance disorders. J Vestib Res. 2012;22(5-6):261-71.
2. Sveen U, Ostensjo S, Laxe S, Soberg HL. Problems in functioning after a mild traumatic brain injury within the ICF framework: the patient perspective using focus groups. Disabil Rehabil. 2013;35(9):749-57.