

Appendix 1. History survey categories, questions, and final percentage of participants who responded as “Strongly Agree” or “Agree.”

Category	Question: All ended with the phrase “is important to ask every mTBI patient?”	%
General TBI History	Are you an OIF/OEF Vet?	42
	Do you have any hearing problems since your TBI?	38*
	Do you have balance problems, dizziness, or vertigo since your TBI?	58
	Did you have any neurological problems or symptoms before your TBI (MS, stroke, brain tumor, severe headaches, other)?	85*
	Have you been diagnosed with, or do you believe you have, PTSD?	42
	Do you get more headaches since your injury?	58
TBI Injury History	When did your TBI occur (on what date)?	92*
	Did you hit your head during your TBI incident?	50
	Did you lose consciousness during/after your TBI incident?	92*
	Were you disoriented or confused during/after your TBI incident?	85*
	Do you know what your Glasgow Coma Score (GCS) was after your TBI incident?	23*
	What was the cause of your TBI (blast, motor vehicle accident, fall, assault, gunshot wound, other)?	75
TBI Sensory History	Is your ability to concentrate and pay attention less now than before your injury?	58
	Are you more forgetful now than before your injury?	50
	Do you have more difficulty making decisions now than before your injury?	42
	Is your thinking slowed since your injury?	33
	Do you bump into objects and walls more now than before your injury?	85*
TBI Eye Injury/Pain History	Were your eyes, eyelids, or area around your eyes injured when your TBI event occurred?	85*
	Have you noticed that, or has someone told you that, you turn or tilt your face or head since your injury?	42
	Do you cover or close one eye at times since your injury?	85*
	Do you notice more floaters in your vision since your injury?	50
	Do you have more discomfort or pain in or around your eyes since your injury?	58
TBI Vision History	Have you noticed a change in your vision since your injury?	92*
	Is your vision blurry at distance or near since your injury?	85*
	Are you more sensitive to light, either indoors or outdoors, since your injury?	92*
	Are you more bothered by glare from windows, walls, TVs, computer screens, or other things since your injury?	67
	Do bright lights give you headaches or eye pain since your injury?	67
	Have you had problems with your night vision since your injury?	33
	Do you have or have you had double vision sometimes since your injury?	92*
	Have you noticed that you are missing part of your vision or that you have restricted vision since your injury?	92*
TBI Reading History	Have you noticed a change in your ability to read since your injury?	92*
	In general, how difficult do you find it to read since your injury?	67
	What materials are you currently reading on a daily or weekly basis?	58
	Do you have more visual discomfort while reading since your injury?”	58
	Are you able to do continuous near work/reading for adequate periods since your injury?	85*
	Do you lose your place while reading more now than before your injury?	92*
	Do you get headaches during/after reading more now than before your injury?	85*
	Do you have more difficulty remembering what you have read now than before your injury?	85*
	Do you have more difficulty understanding what you have read now than before your injury?	67
	Do you close one eye when you are reading?	92*
New Round 2 Question: All of the reading history can be accomplished by asking, “Do you have reading problems since your injury?” If yes, “Please describe.”	50	

*Met consensus in Round 1 to accept (>80%) or reject (<50%).

Appendix 2. Exam procedures survey categories, items, and final percentage of participants who responded as “Strongly Agree” or “Agree.”

Category	Item: All ended with the phrase “is/are important to test on every mTBI patient?”	%
EOM/BV Tests	(Free Space) Distance cover test	100*
	(Free Space) Near cover test	92*
	Phorias, beyond cover testing	77
	(Free Space) Maddox rod phorias using the Modified Thorington method (or other “card” technique)	33*
	(Free Space/Phoropter) Maddox rod phorias with prism neutralization	33*
	(Phoropter) Phorias with Von Graefe method (or similar technique)	38
	Testing phorias using any test is acceptable for the mTBI patient	62
	Vergences are important to test on every mTBI patient	69
	(Free Space) Vergences using a prism bar (or similar technique)	42*
	(Phoropter) Vergences using Risley prisms (or similar technique)	25*
	Testing vergences using any test is acceptable for the mTBI patient	62
	Only compensating vergences, after finding abnormal phorias, need to be measured on mTBI patients	38
	Versions (EOMs) and pursuit (tested simultaneously; may be recorded separately)	100
	Separate testing for both versions (EOMs) and pursuit	46
	Only versions (EOMs) are important to test on every mTBI patient	17*
	Only pursuit is important to test on every mTBI patient	0*
	Ductions (monocular)	25*
A red lens test for diplopia	17*	
A Worth 4-dot test	25*	
Accommodation	Accommodation is important to test on every mTBI patient	100
	(Free Space) Monocular push-up accommodative amplitude	62
	(Free Space) Monocular pull-away accommodative amplitude	42*
	(Free Space) Monocular accommodative facility using flippers	42*
	(Free Space) Binocular accommodative (and vergence) facility using flippers	42*
	(Phoropter) Adding plus & minus lenses monocularly at near until blur	33*
	(Phoropter) Negative and positive relative accommodation (NRA and PRA)	23
Testing accommodation using any test is acceptable for the mTBI patient	62	
Saccades and Fixation	Saccades are important to test on every mTBI patient	85
	Both reflex and voluntary saccades	31
	Saccadic testing using the King Devick (or similar test)	25*
	Saccadic testing using any test is acceptable for the mTBI patient	69
	Fixation/nystagmus is important to test on every mTBI patient	77
Near Point of Convergence	NPC is important to test on every mTBI patient	92*
	NPC using red/green lenses and a light	17*
	Repeated NPC (any method)	92
	NPC testing using any test is acceptable for the mTBI patient	69
Other Tests	Contrast sensitivity	33*
	Color vision	62
	Steropsis/depth perception	77
	Visual fields, beyond what are routinely tested on most/all patients	36*
	Reading speed and facility	42*
	Light/glare sensitivity	77

*Met consensus in Round 1 to accept (>80%) or reject (<50%).