Acknowledgments and References for the Neuroimaging Following Concussion/Mild Traumatic Brain Injury: Guidance for the Primary Care Manager Clinical Recommendation

Acknowledgments

This clinical recommendation was developed on the basis of a thorough literature search by the Traumatic Brain Injury Center of Excellence (TBICoE) core working group, and was supported by the consensus of an expert working group and by the input of an end-user working group. A full literature search is available upon request. The TBICoE team wishes to acknowledge the contributions of the members of the expert and end-user working groups, listed below, and express our sincere gratitude. Many thanks.

Expert Working Group:	End-User Working Group:	TBICoE Core Working Group:
Maheen Adamson, PhD	Katherine Demers, DMSc,	Amanda Gano, MS, PA-C
Grant Bonavia, MD, PhD	PA-C, CDR, USPHS	Joanne Gold, PharmD, BCGP
Annegret Dettwiler- Danspeckgruber, PhD	Korey Kasper, MD, CAQSM, Maj, MC, USAF	Stacey Harcum, MPH, MS, OTR/L
Robert Shih MD, COL, MC, USA	Salvatore Labruzzo, DO, DABR-Neuroradiology	Rachael Lardieri, MS, OTR/L, CBIS
James Stone, MD, PhD	Nicholas Michols, DO, CAQSM, ATC, LCDR, MC,	Donald Marion, MD, MSc
Esther Yuh, MD, PhD	USN	Gary McKinney, DHSc, CBIS,
	Daniel Nadeau, DO, CPT, USA	CPT
		Keith Stuessi, MD
	Nathan Orr, HM2 (SW/AW), Surface Force IDC, USN	Esther Yuh, MD, PhD
	Steven Trigg, MD, CAQSM, Maj, MC, USAF	

References

- 1. VA/DoD Clinical Practice Guideline for the Management and Rehabilitation of Post-Acute Mild Traumatic Brain Injury. <u>Version 3.0</u>, June 2021.
- 2. Expert Panel on Neurological Imaging, Shih RY, Burns J, et al. ACR Appropriateness Criteria® Head Trauma: 2021 Update. *J Am Coll Radiol*. 2021;18(5S):S13-S36.
- 3. Stiell IG, Wells GA, Vandemheen K, et al. The Canadian CT Head Rule for patients with minor head injury. *Lancet*. 2001;357(9266):1391-1396.
- 4. Alzuhairy AK. Accuracy of Canadian CT Head Rule and New Orleans Criteria for Minor Head Trauma; a Systematic Review and Meta-Analysis. *Archives of Academic Emergency Med*.2020;8(1):e79.
- 5. Wintermark M, Sanelli PC, Anzai Y, et al. Imaging evidence and recommendations for traumatic brain injury: conventional neuroimaging techniques. *J Am Coll Radiol.* 2015;12(2):e1–e14.
- 6. Van der Horn HJ, de Haan S, Spikeman JM, et al. Clinical relevance of microhemorrhagic lesions in subacute mild traumatic brain injury. *Brain Imaging Behav.* 2018;12(3):912–916.
- 7. Mutch CA, Talbott JF, Gean A. Imaging Evaluation of Acute Traumatic Brain Injury. *Neurosurg Clin N Am.* 2016;27(4):409-439.
- 8. Sen AN, Gopinath SP, Robertson CS. Clinical application of near-infrared spectroscopy in patients with traumatic brain injury: a review of the progress of the field. *Neurophotonics*. 2016;3(3): 031409.
- 9. Dengler B, et al. Use of Traumatic Brain Injury Plasma Biomarkers after a Potentially Concussive Event (CPG ID: 90). *Joint Trauma System*. August 16, 2021.
- 10. Hier DB, Obafemi-Ajayi T, Thimgan MS, et al. Blood biomarkers for mild traumatic brain injury: a selective review of unresolved issues. *Biomarker Res.* 2021:9(70).
- 11. Papa, L, et al. Evaluation of Glial and Neuronal Blood Biomarkers Compared With Clinical Decision Rules in Assessing the Need for Computed Tomography in Patients With Mild Traumatic Brain Injury. *JAMA Network Open*. 2022;5(3):e221302.