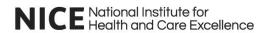


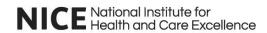
Head Injury Advisory Committee Interests Register

Register last updated: 20/12/22

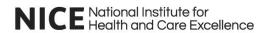
Name	Role with NICE	Type of interest	Description of interest	Interest arose	Interest declared	Interest ceased	Comments
Dr Caroline Balson	Lay member	Non-financial professional and personal - direct	Parent/Carer Member of UK Acquired Brain Injury Forum (UKABIF)	2017	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9th 2021. No opinion expressed on the topics included in the scope
Dr Caroline Balson	Lay member	Financial – indirect	Husband is Contracting Manager at Bradford District and Craven NHS CCG	16/11/20 20	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Caroline Balson	Lay member	Non-financial - professional and personal - direct	Parent/Carer Member of Child Brain Injury Trust	2015	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead
Dr lan Bernstein	Chair	Financial -direct	GP partner at Gordon House Surgery (NHS)	01.10.19 94	Jan 2021	31.10.2 021	Non-specific No action other than the process of open



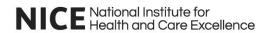
							declaration. Agreed by Guideline lead. 18 th December 2019 No scope to gain from the committee's work
Dr Ian Bernstein	Chair	Non-financial professional and personal - direct	Employee of Connect Health Ltd 2 days per week, working as a GP with special interest in musculoskeletal medicine at NHS Herts Valley CCG (and responsible officer since 27.05.2022) Connect Health hold a standard NHS contract to deliver community musculoskeletal services to NHS Herts Valley CCG. My work is fully NHS- pensioned.	02.08.20 18	Jan 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 18 th 2019
Dr Ian Bernstein	Chair	Non-financial professional and personal -direct	Director of Medical Education, Caldicott Guardian and Deputy Responsible Officer, Central London Community Healthcare NHS Trust (2 days/week)	01.05.20 20	Jan 2021	10.07.2 022	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 18 th 2019
Dr Ian Bernstein	Chair	Non-financial professional and personal -direct	London North West Healthcare NHS Trust (Musculoskeletal Physician, self-employed	15.05. 2006	Jan 2021	16.07. 2018	Non-specific No action other than the process of open declaration. Agreed by



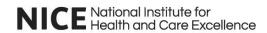
							Guideline lead. December 18 th 2019
Dr lan Bernstein	Chair	Non-financial professional and personal -direct	NHS Ealing CCG (Clinical Commissioning Lead, salaried)	01.10.20 14	Jan 2021	30.04.2	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 18 th 2019
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	Appointed to the NICE Chronic Pain Guideline Committee. My practice will receive locum reimbursements, and I will receive travel and subsistence allowance in accordance with the NICE published policy.	2017	Jan 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 18 th 2019
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	Appointed as the clinical lead to the NW London STP Musculoskeletal Transformation Programme. This work is already remunerated as part of my NHS Ealing CCG commissioning role	2016	Jan 2021	30.04.2	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 18 th 2019
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	Appointed as a clinical commissioning advisor to an NHS England steering group on workforce development for MSk	2014	Jan 2021	30.09.2	Non-specific No action other than the process of open declaration. Agreed by



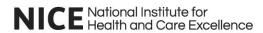
			conditions, within the Long Term Conditions Directorate. This work is unpaid although locum costs may be reimbursed				Guideline lead. December 18 th 2019
Dr Ian Bernstein	Chair	Non-financial - professional and personal - direct	Appointed chair of NICE Rehabilitation for chronic neurological conditions (including Traumatic Brain Injury) guideline committee. NICE reimbursement of travel costs, locum costs and nominal remuneration as per NICE reimbursement policy	2021	Jan 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 17 th 2020.
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	I lectured at Royal College of General Practitioners One Day Essentials: Pain Management webinar. Topic: low back pain and sciatica. Slides approved by NICE. I have declined an honorarium.	April 2021	27/04/21	April 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 28 th 2021.
Dr lan Bernstein	Chair	Financial -direct	I have accepted a secondment to NHS England and Improvement London Region as Clinical Director for Musculoskeletal Health. I will be remunerated 1 PA	01.08. 2021	31/08/21	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. 31 August



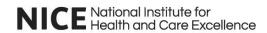
			(programmed activity, 4 hours) per week. I am paid by Connect Health Ltd and the salary is fully reimbursed by NHS England under a secondment contract.				2021. No scope to gain from the committee's work
Dr lan Bernstein	Chair	Financial -direct	I have retired from Gordon House Surgery as a partner in general practice and am continuing as self- employed locum general practitioner	31.10.20 21	October 2021	19.10.2 022	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. 14 December 2021. No scope to gain from the committee's work
Dr Ian Bernstein	Chair	Non-financial - professional and personal - direct	I am co-author of Stannard C, Bernstein I. NICE guideline NG193 for chronic pain: reasons to be cheerful. Br J Gen Pract. 2021 Oct 28;71(712):489-490. doi: 10.3399/bjgp21X717425. PMID: 34711558. https://doi.org/10.3399/bjgp21X717425	28.10.20 21	October 2021		Non-specific No action other than the process of open declaration. Agreed by Guideline lead. 14 December 2021



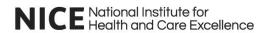
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	I co-presented a webinar "Managing Low Back Pain and Sciatica", based on NICE NG59 to the Primary Care Rheumatology & Musculoskeletal Medicine (PCRMM) Society. The core slides have previously been approved by NICE as I was a committee member. I have not claimed any expenses or honoraria.	31.05.22	June 2022	31.05.2	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. 21 June 2022
Dr lan Bernstein	Chair	Non-financial - professional and personal - direct	Reviewer for an article "Multi-Center Study Evaluating Factors Associated with Treatment Outcome for Low Back Pain Injections" submitted for publication in BMJ Medicine. Reviewers' comments and accreditation are published alongside the article.	30.08.20 21	25.10.22	30.08.2 021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. 25 October 2022
Dr Emily Feilding	Committee member	Nil	Nil	Nil	Nil	Nil	Nil
Mr Adel Helmy	Committee member	Non-financial – professional and personal - direct	Pressura Neuro- clinical trial design/implementation and consultancy. The study is a phase 2 study of	2017	Feb 2021	Ongoing	Non-specific No action other than the process of open



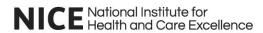
			a neurokinin-1 receptor antagonist (EU-C-001) in moderate and severe TBI. The primary outcome is on intracranial pressure, however, we have been involved in a sub-study in Cambridge looking at inflammatory biomarkers in micro dialysis and imaging correlates of oedema on MRI.				declaration. Agreed by Guideline lead. April 21 st 2021.
Mr Adel Helmy	Committee member	Financial-direct	Pressura Neuro- clinical trial consultancy	2017	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 21st 2021.
Mr Adel Helmy	Committee member	Non-financial - professional and personal -direct	Expert Witness for legal proceedings - Neurosurgery	2018	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Neurosurgery not included in the scope.
Mr Adel Helmy	Committee member	Non-financial - professional and personal -direct	Consultant Neurosurgeon, Cambridge University Hospitals NHS Trust and University Lecturer	2016	Feb 2021	Ongoing	Non-specific No action other than the process of open



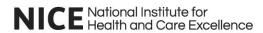
			Neurosurgery, University of Cambridge				declaration. Agreed by Guideline lead. March 31 st 2021.
Mr Adel Helmy	Committee member	Non-financial - professional and personal - direct	Co-applicant CRASH3 sub-study (mechanistic study that used microdialysis samples from CRASH 3 patients - no input or knowledge of main part of the CRASH 3 study other than the published data) https://www.journalslibrary.nihr.ac.uk/programmes/e me/1420501/#/	2016	Aug 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. August 31st 2021.
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Research Director of the Trauma Audit and Research Network (www.tarn.ac.uk) — national clinical audit for major injury including traumatic brain injury. In this role I have authored publications cited in CG 176 and more recent on the impact of NICE Guidance	2000	Feb 2021	Ongoing	Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. March 9 th 2021.
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Investigator in Collaborative European Neurotrauma	2013	Feb 2021	Dec 2020	Specific No action but interest will be reviewed with partial



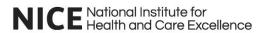
			Effectiveness Research in Traumatic Brain Injury (CENTER TBI) funded by EU. Large 18 Country epidemiological study of patients with Traumatic Brain Injury, many recent publications including a systematic review of guideline adherence in TBI care				exclusion if publications are included in the evidence review. Agreed by Guideline lead. March 9 th 2021.
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Clinical Randomisation of Antifibrinolytic in Significant Head Injury (CRASH 3) Salford Principal Investigator, a high profile randomized trial of tranexamic acid in patients with TBI, funded by NIHR	2013	Feb 2021	2019	Specific Partial exclusion. Agreed by Guideline lead. March 17th 2021. Tranexamic acid included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Health Economic Evaluation of s100B and NSE in the CENTER-TBI cohort (HECON)	2019	Feb 2021	May 2020	Specific Partial exclusion. Agreed by Guideline Lead. March 9 th 2021. Biomarkers (post



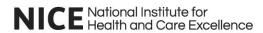
			Collaborator (time not remunerated- advisory role) study of cost effectiveness of blood borne brain injury biomarkers in early head injury management. Funded by Roche at University of Cambridge.			concussion syndrome and post injury complications) included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
			Gave a talk (October 2021) at the Royal College of Emergency Medicine Annual Scientific conference titled 'TBI Frontiers in care - Prehospital considerations' (October 2021)	October 2021	October 2021	
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Prosser, C. J., Edwards, D., Boumara, O., Fuller, G., Holliman, D., & Lecky, F. (2020). Bypassing the nearest emergency department for a more distant neurosurgical centre in traumatic brain	See publicati on date of each paper	March 2021	Specific Partial exclusion. Agreed by Guideline Lead. March 9 th 2021. Bypassing the nearest emergency unit included in the scope of the guideline.



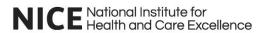
injury patients. British Journal of Neurosurgery. doi:10.1080/02688697.202 0.1858026 Prosser, C., Edwards, D., Lecky, F., & Bouamra, O. (2019). 017 Bypassing the nearest emergency department for a more distant neurosurgical centre in traumatic brain injury patients. In Emergency Medicine Journal Vol. 36 (pp. 783). doi:10.1136/emermed- 2019-rcem.17	The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Lecky, F. E., Russell, W., McClelland, G., Pennington, E., Fuller, G., Goodacre, S., Shewan, J. (2017). Bypassing nearest hospital for more distant neuroscience care in head-injured adults with suspected traumatic brain	



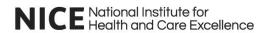
injury: findings of the head injury transportation straight to neurosurgery (HITS-NS) pilot cluster randomised trial BMJ Open, 7(10). doi:10.1136/bmjopen- 2017-016355
Fuller, G., McClelland, G., Lawrence, T., Russell, W., & Lecky, F. (2016). The diagnostic accuracy of the HITSNS prehospital triage rule for identifying patients with significant traumatic brain injury. European Journal of Emergency Medicine, 23(1), 61-64. doi:10.1097/mej.00000000 00000327
McClelland, G., Pennington, E., Byers, S., Russell, W., & Lecky, F. (2015). The challenges of



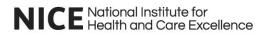
conducting prehospital
research: successes and
lessons learnt from the
Head Injury Transportation
Straight to Neurosurgery
(HITS-NS) trial.
Emergency Medicine
Journal, 32(8), 663-664.
doi:10.1136/emermed-
2014-203870
2011 200070
Holliman, D., Russell, W.,
Fuller, G., Mendelow, A.
D., Han, K., Mackway-
Jones, K., Lecky, F.
(2013). The Head Injury
Transportation Straight To
Neurosurgery (HITS-NS)
Trial: Introduction To The
Study, Challenges Of The
Set-Up Phase And
Progress. In JOURNAL
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Vol. 119 (pp. A552).
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Auth=LinksAMR&KeyUT=



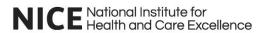
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Russell, W., Fuller, G.,
Mendelow, D., Bhattathiri,
P., Han, K., Mackway-
Jones, K., Lecky, F.
(2012). The Head Injury
Transportation Straight to
Neurosurgery (HITS-NS)
Trial: An Introduction to
the Study and the
Challenges of the Set-Up
Phase. In BRAIN INJURY
Vol. 26 (pp. 534-535).
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edge.com/gateway/Gatew
ay.cgi?GWVersion=2&Src
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Auth=LinksAMR&KeyUT=
WOS:000304104600408&
DestLinkType=FullRecord
&DestApp=ALL_WOS&Us
rCustomerID=0bfafa3ff357
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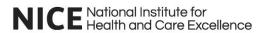
			Lecky, F., Russell, W., Fuller, G., McClelland, G., Pennington, E., Goodacre, S., Strong, M. (n.d.). The Head Injury Transportation Straight to Neurosurgery (HITS-NS) randomised trial: a feasibility study. Health Technology Assessment, 20(1), 1-198. doi:10.3310/hta20010			
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Brenner, A., Belli, A., Chaudhri, R., Coats, T., Frimley, L., Jamaluddin, S. F., Roberts, I. (2020). Understanding the neuroprotective effect of tranexamic acid: an exploratory analysis of the CRASH-3 randomised trial. Critical Care, 24(1). doi:10.1186/s13054-020-03243-4 Mahmood, A., Needham, K., Shakur-Still, H., Harris, T., Jamaluddin, S. F., Davies, D., Roberts, I. (n.d.). Effect of tranexamic acid on intracranial	See publicati on date of each paper	March 2021	Specific Partial exclusion. Agreed by Guideline Lead. March 9th 2021. TXA included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



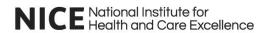
haemorrhage and infarction in patients with traumatic brain injury: a pre-planned substudy in a sample of CRASH-3 trial patients. Emergency Medicine Journal. doi:10.1136/emermed- 2020-210424
Williams, J., Roberts, I., Shakur-Still, H., Lecky, F. E., Chaudhri, R., & Miners, A. (2020). Cost- effectiveness analysis of tranexamic acid for the treatment of traumatic brain injury, based on the results of the CRASH-3 randomised trial: a decision modelling approach. BMJ Global Health, 5(9), doi:10.1136/bmjgh-2020- 002716
Coats, T. J., & Lecky, F. E. (2020). The CRASH3 study: prehospital TXA for every injured patient?. Emergency Medicine Journal, 37(6), 392-394. doi:10.1136/emermed-2019-209264



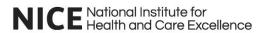
Effects of tranexamic acid on death, disability, vascular occlusive events and other morbidities in patients with acute traumatic brain injury (CRASH-3): a randomised, placebocontrolled trial (2019). The Lancet, 394(10210), 1713-1723. doi:10.1016/s0140-6736(19)32233-0	
Roberts, I., Perel, P., Prieto-Merino, D., Shakur, H., Coats, T., Hunt, B. J., Collaborators, C. (2012). Effect of tranexamic acid on mortality in patients with traumatic bleeding: prespecified analysis of data from randomised controlled trial. BRITISH MEDICAL JOURNAL, 345. doi:10.1136/bmj.e5839	
Olldashi, F., Kerçi, M., Zhurda, T., Ruçi, K.,	



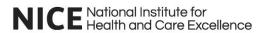
Devicel: A Transport
Banushi, A., Traverso, M.
S., Cárdenas, B.
(2011). The importance of
early treatment with
tranexamic acid in
bleeding trauma patients:
An exploratory analysis of
the CRASH-2 randomised
controlled trial. The
Lancet, 377(9771).
doi:10.1016/S0140-
6736(11)60278-X
Shakur, H., Roberts, I.,
Bautista, R., Caballero, J.,
Coats, T., Dewan, Y.,
Crash 2 Trial
Collaborators. (2010).
Effects of tranexamic acid
on death, vascular
occlusive events, and
blood transfusion in
trauma patients with
significant haemorrhage
(CRASH-2): a
randomised, placebo-
controlled trial. LANCET,
376(9734), 23-32.



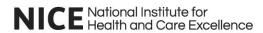
			doi:10.1016/S0140- 6736(10)60835-5			
Prof Fiona Lecky	Topic Adviser	Non-financial - professional and personal - direct	Marincowitz, C., Steyerberg, E., Gravesteijn, B., Sheldon, T., & Lecky, F. (2020). 59 Performance of the mTBI decision rule for early discharge of patients with findings on CT: a center- TBI validation study. Emergency Medicine Journal, 37(12), 824-825. doi:10.1136/emj-2020- rcemabstracts.5 Marincowitz, C., Steyerberg, E., Gravesteijn, B., Sheldon, T., & Lecky, F. (2020). 59 Performance of the mTBI decision rule for early discharge of patients with findings on CT: a center- TBI validation study. Emergency Medicine Journal, 37(12), 824-825.	See publicati on date of each paper	April 2021	Partial exclusion for children's recommendations. Agreed by Guideline Lead. April 21st 2021. Indications for selecting adults, young people, children and babies with head injury for CT or MRI head scan included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



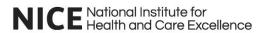
doi:10.1136/emj-2020-
rcemabstracts.5
Toomabaraota.
Marincowitz, C., Lecky, F.,
Allgar, V., Hutchinson, P.,
Elbeltagi, H., Johnson, F.,
Kolias, A. (2019). 049
Development of a clinical
decision rule for the early
safe discharge of patients
with mild traumatic brain
injury and findings on CT
brain scan: a retrospective
cohort study. In
Emergency Medicine
Journal Vol. 36 (pp. 808).
doi:10.1136/emermed-
2019-rcem.49
Marincowitz, C., Lecky, F.,
Allgar, V., Hutchinson, P.
J., Elbeltagi, H., Johnson,
F., Sheldon, T. (2019).
Development of a clinical
decision rule for the early
safe discharge of patients
with mild traumatic brain
injury and findings on CT
brain scan : a
retrospective cohort study.



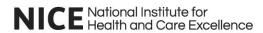
Journal of Neurotrauma. doi:10.1089/neu.2019.665 2
Marincowitz, C., Lecky, F. E., Townend, W., Allgar, V., Fabbri, A., & Sheldon, T. A. (2018). A protocol for the development of a prediction model in mild traumatic brain injury with CT scan abnormality: which patients are safe for discharge?. Diagnostic and Prognostic Research, 2. doi:10.1186/s41512- 018-0027-4
Fuller, G., McClelland, G., Lawrence, T., Russell, W., & Lecky, F. (2016). The diagnostic accuracy of the HITSNS prehospital triage rule for identifying patients with significant traumatic brain injury. European Journal of Emergency Medicine, 23(1), 61-64.



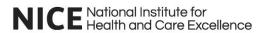
doi:10.1097/mej.00000000 00000327
Harrison, D. A., Griggs, K. A., Prabhu, G., Gomes, M., Lecky, F. E., Hutchinson, P. J. A., Rowan, K. M. (2015). External Validation and Recalibration of Risk Prediction Models for Acute Traumatic Brain Injury among Critically III Adult Patients in the United Kingdom. Journal of Neurotrauma, 32(19), 1522-1537. doi:10.1089/neu.2014.362
Fuller, G. W., Woodford, M., Lawrence, T., Coats, T., & Lecky, F. (2013). THE ACCURACY OF ALTERNATIVE TRIAGE RULES FOR IDENTIFICATION OF SIGNIFICANT TRAUMATIC BRAIN INJURY: A DIAGNOSTIC



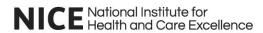
COHORT STUDY. Emergency Medicine Journal, 30(10), 876.1- 876. doi:10.1136/emermed- 2013-203113.24 Dunning, J., Daly, J. P., Lomas, J. P., Lecky, F., Batchelor, J., & Mackway- Jones, K. (2006). Derivation of the children's head injury algorithm for the prediction of important clinical events decision rule for head injury in children. Archives of Disease in Childhood, 91(11), 885-891. doi:10.1136/adc.2005.083 980	
Co-applicant on MATTS (Major Trauma Triage Tools Study) study on identification and review of	
(Major Trauma Triage Tools Study) study on	



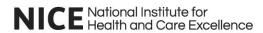
			by expert consensus, for evaluation in subsequent phases, Senior author of cohort study to validate triage tools from Phase One and identify an optimally performing candidate triage tool			
			Fuller G, Lecky F, Batchelor J, Dunning J. 005 An external validation of the PECARN clinical decision rule for minor head injury. Emerg Med J. 2011;28(Suppl 1):A2.			
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Czeiter, E., Amrein, K., Gravesteijn, B. Y., Lecky, F., Menon, D. K., Mondello, S., Büki, A. (2020). Blood biomarkers on admission in acute traumatic brain injury: Relations to severity, CT findings and care path in	See publicati on date of each paper	April 2021	Specific Partial exclusion. Agreed by Guideline Lead. April 21 st 2021. The diagnostic accuracy of brain injury biomarkers and/or MRI for predicting post-concussion syndrome and other post-



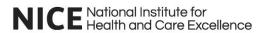
the CENTER-TBI study. EBioMedicine, 56. doi:10.1016/j.ebiom.2020. 102785 Lesko, M. M., O'Brien, S. J., Childs, C., Bouamra, O., Rainey, T., & Lecky, F. (2014). Comparison of several prognostic tools in traumatic brain injury including S100B. Brain Injury, 28(7), 987-994. doi:10.3109/02699052.201 4.890743 Lesko, M. M., Rainey, T., Childs, C., Bouamra, O., O'Brien, S., & Lecky, F. (2010). Comparing the prognostic performance of S100B with prognostic models in traumatic brain injury. Injury Extra, 41(12), 156-157. doi:10.1016/j.injury.2010.0 7.472	brain injury complications is included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topi but will not take part in drafting the recommendations.
Rainey, T., Lesko, M., Sacho, R., Lecky, F., &	



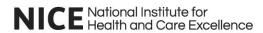
			Childs, C. (2009). Predicting outcome after severe traumatic brain injury using the serum S100B biomarker: Results using a single (24 h) timepoint. Resuscitation, 80(3), 341-345. doi:10.1016/j.resuscitation. 2008.11.021 Fuller, G., Bouamra, O., Woodford, M., Jenks, T., Patel, H., Coats, T. J., Lecky, F. (2011). The effect of specialist neurosciences care on outcome in adult severe head injury: A cohort study. Journal of Neurosurgical Anesthesiology, 23(3), 198-205. doi:10.1097/ANA.0b013e3 182161816			
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	The burden of traumatic brain injury from low-energy falls among patients from 18 countries	09/21	16/09/21	Non-specific No action other than the process of open declaration. Agreed by



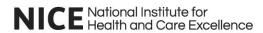
			in the CENTER-TBI Registry: A comparative cohort study (plos.org)			Guideline lead. September 17th 2021.
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Marincowitz C, Paton L, Lecky F, et al Predicting need for hospital admission in patients with traumatic brain injury or skull fractures identified on CT imaging: a machine learning approach Emergency Medicine Journal Published Online First: 08 April 2021. doi: 10.1136/emermed-2020- 210776 Marincowitz 2020 - Development of a Clinical Decision Rule for the Early Safe Discharge of Patients with Mild Traumatic Brain Injury and Findings on Computed Tomography Brain Scan: A Retrospective Cohort Study	April 2021	October 2021	Specific Partial exclusion. Agreed by Guideline Lead. November 1st 2021. Indications for admission in people with small intracranial injuries is included is included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



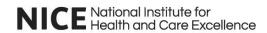
			(https://pubmed.ncbi.nlm.n ih.gov/31588845/) Marincowitz 2021 - Performance of the Hull Salford Cambridge Decision Rule (HSC DR) for early discharge of patients with findings on CT scan of the brain: a CENTER-TBI validation study (https://pubmed.ncbi.nlm.n ih.gov/34315761/): Marincowitz 2018 - The Risk of Deterioration in GCS13-15 Patients with Traumatic Brain Injury Identified by Computed Tomography Imaging: A Systematic Review and			
			Tomography Imaging: A			
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	External validation of computed tomography decision rules for minor head injury: prospective,	24 August	Septemb er 2021	Non-specific No action other than the process of open declaration. Agreed by



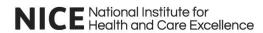
			multicentre cohort study in the Netherlands, BMJ 2018; 362 doi: https://doi.org/10.1136/bmj .k3527 (Published 24 August 2018)			Guideline lead. December 14th 2021.
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Lecture on "Impact of COVID 19 on major injury presenting to hospital" given to British Trauma Society virtual meeting. Descriptive analysis of all major trauma patient characteristics and pathways (patients with intracranial injury not separately considered other than as prevalence within all major trauma)	Decemb er 2021	24/11/21	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 14th 2021.
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Co-author of publication in injury prevention journal https://www.mdpi.com/166 0-4601/18/19/10156 "Health-Related Quality of Life (HRQoL) Outcomes Following Injury in Childhood and Adolescence Using EuroQol (EQ-5D) Responses with Pooled	Decemb er 2021	27/09/21	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. December 14th 2021.



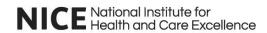
			Longitudinal Data" – Presence of moderate or severe TBI considered as prognostic factor, Int. J. Environ. Res. Public Health 2021, 18(19), 10156; https://doi.org/10.3390/ijer ph181910156			
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	As co investigator I have had a grant awarded by the Canadian Institute of Health Research (PI Prof Kerstin de Wit) for the "Can-ScHan" study to investigate predictors of intracranial injury in patients with head injury taking DOAC. The study is still in the planning stage across Canada UK and Australia	January 2021	13/01/20 22	Specific Partial exclusion. Agreed by Guideline Lead. 27 January 2022. Indications for selecting adults, children and infants with head injury for CT or MRI head scan, including people on anticoagulant or antiplatelet therapy, is included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



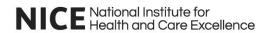
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Department of Culture Media and Sport and MRC have invited me to participate in a concussion in sport research forum which is a research commissioning endeavour	May 2022	12/05/22		Specific Declare and Participate. Agreed by Guideline Lead. 19 May 2022. Biomarkers and MRI predicting post concussion and admission of people with concussion are included in the scope of the guideline. However, the GC member will not be involved in a trial or research project and will not publish a clear opinion about these topics
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Gave presentations at International Conference in Emergency Medicine 2022 14-19th June in Melbourne. Topics: Covid Lessons from Manchester bombing	19/06/22	23/06/22	19/06/2 2	Non-specific Declare and participate
Prof Fiona Lecky	Topic Advisor	Non-financial - professional and personal - direct	Traumatic brain injury: progress and challenges in prevention, clinical care, and research. Mass et al (GC member a co- author). (In press)	July 2022	04/07/22		Specific Partial exclusion. Agreed by Guideline Lead. 15/07/ 2022. Biomarkers and MRI predicting post concussion



							and Transport to a specialist centre are included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Dr Mark Lyttle	Committee member	Non-financial - professional and personal - direct	Chair, Paediatric Emergency Medicine Intercollegiate Specialty Advisory Committee, RCPCH	Approx June 2019	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 17 th 2021.
Dr Mark Lyttle	Committee member	Non-financial – professional and personal - direct	Chief Investigator; Evaluating ICON This research study aims to evaluate the effectiveness of the ICON programme in reducing abusive head trauma in infants. This is funded (currently subject to contracts) by the NIHR.	January 2021	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Reduction of abusive head trauma not included in the scope of the guideline.



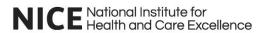
Dr Mark Lyttle	Committee member	Non-financial – professional and personal – direct	Co-investigator, APHIRST study, validating clinical decision rules for selection of paediatric patients with head injury for CT scan	2018	28 April 2021	Specific Partial exclusion from children's recommendations. Agreed by Guideline Lead. June 9 th 2021. Indications for imaging included in the scope of the guideline.
						The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Dr Mark Lyttle	Committee member	Non-financial – professional and personal – direct	Study on use on tranexamic acid in children utilising data from the TARN database to establish practice patterns in TXA use over the last 10 years or so in children (all major trauma, not specific to head trauma - but would include that cohort)	Still to be publishe d	28 April 2021	Specific Agreed by Guideline Lead. June 9 th 2021. No conflict as the population is major trauma/extracranial injury has different consequences to intracranial injury).



Dr Virginia Newcombe	Committee member	Non-financial – professional and personal - direct	Associate Investigator Future Fund (MRFF) — Australia. Diagnosis using Imaging and Clinical biomarkers Trial in Traumatic Brain Injury (PREDICT-TBI)	2020	2022	Ongoing	Specific. Partial exclusion. Agreed by Guideline Lead. April 21st 2021. Biomarkers (post injury complications) included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Dr Virginia Newcombe	Committee member	Financial indirect and on-financial – professional and personal – direct	Grant funding from Roche to investigate the health economic impact of using blood biomarkers (NSE and s100b) for mild TBI based on the CENTER-TBI dataset. The contract states the scientific results are independent and Roche	Decemb er 2019	Feb 2021	ongoing	Specific Partial exclusion. Agreed by Guideline Lead. March 9th 2021. Biomarkers (predicting post injury complications) included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to



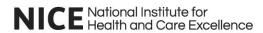
			will have no influence over publication.				specific questions from the committee regarding this topic but will not take part in drafting the recommendations
Dr Virginia Newcombe	Committee member	Non-financial – professional and personal – direct	Involved with traumatic brain injury research including Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI, www.center-tbi.org).	2015	Feb 2021	ongoing	Non-specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. March 9 th 2021.
Dr Virginia Newcombe	Committee member	Non-financial – professional and personal – direct	Publications on imaging and biomarkers Koivikko P, Posti P, Mohammadian M, Lagerstedt L, Azurmendi, L, Hossain I, Katila, A, Menon, DK, Newcombe V, Hutchinson PJ, Maanpää H, Tallus J, Zetterberg H, Blennow K, Tenovuo O, Sanchez J, Takala R, The Potential of Heart Fatty-Acid Binding Protein, NFL, Interleukin-10 and	Please refer to each paper listed for publicati on dates	April 2021		Partial exclusion. Agreed April 21st 2021 by Guideline Lead. Biomarkers (post concussion syndrome) included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



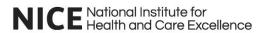
	Calcium-Binding Protein B in the Acute Diagnostics and Severity Assessment of TBI. Emergency Medicine Journal. In Press.
	Posti JP, Takala RSK, Raj R, Luoto TM, Azurmendi L, Lagerstedt L, Mohammadian M, Hossain I, Gill J, Frantzén J, van Gils M, Hutchinson PJ, Katila AJ, Koivikko P, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Blennow K, Tenovuo O, Zetterberg H, Sanchez JC. Admission Levels of Interleukin 10 and Amyloid β 1-40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. Front Neurol. 2020;11:549527



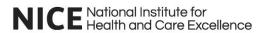
Lagerstedt L, Azurmendi L, Tenovuo O, Katila AJ, Takala RSK, Blennow K, Newcombe VFJ, Maanpää HR, Tallus J, Hossain I, van Gils M, Menon DK, Hutchinson PJ, Zetterberg H, Posti JP, Sanchez JC. Interleukin 10 and Heart Fatty Acid- Binding Protein as Early Outcome Predictors in Patients With Traumatic Brain Injury. Front Neurol. 2020;11:376.
Hossain I, Mohammadian M, Takala RSK, Tenovuo O, Azurmendi Gil L, Frantzén J, van Gils M, Hutchinson PJ, Katila AJ, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Hrusovsky K, Wilson DH, Gill J, Blennow K, Sanchez JC, Zetterberg H, Posti JP. Admission Levels of Total Tau and β-Amyloid CV – Virginia Newcombe



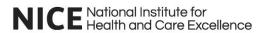
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	Czeiter E, Amrein K, Gravesteijn BY, Lecky F, Menon DK, Mondello S, Newcombe VFJ, Richter S, Steyerberg EW, Vyvere TV, Verheyden J, Xu H, Yang Z, Maas AIR, Wang KKW, Büki A; CENTER- TBI Participants and Investigators. Blood biomarkers on admission in acute traumatic brain injury: Relations to severity, CT findings and care path in the CENTER- TBI study. EBioMedicine. 2020;56:102785. doi: 10.1016/j.ebiom.2020.102 785. Epub 2020	
	JP Posti, RS Takala, L Lagerstedt, AM Dickens, I Hossain, M Mohammadian, HM Ala- Seppälä, J Frantzén, M Van Gils, PJ Hutchinson, AJ Katila, HR Maanpää, D	



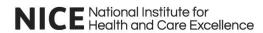
Menon, V Newcombe, J Tallus, K Hrusovsky, D Wilson, J Gill, JC Sanchez, O Tenovuo, H Zetterberg, K Blennow. Correlation of blood biomarkers and biomarker panels with traumatic findings on computed tomography after traumatic brain injury. Journal of Neurotrauma. 2019;36(14):2178-2189.	
I Hossain,M Mohammadian, RSK Takala, O Tenovuo, L Lagerstedt, H Ala- Seppälä, J Frantzén, M van Gils, P Hutchinson, AJ Katila, HR Maanpää, DK Menon, VF Newcombe, J Tallus, K Hrusovsky, DH Wilson, K Blennow, JC Sanchez, H Zetterberg, JP Posti. Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury.	



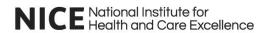
Journal of Neurotrauma. 2019;36(10):1551-1560.
AM Dickens, JP Posti, RSK Takala, H Ala- Seppälä, I Mattila, JP Coles, J Frantzén, PJ Hutchinson, AJ Katila, A Kyllönen, H Maanpää, V Newcombe, J Outtrim, J Tallus, KLH Carpenter, DK Menon, T Hyötyläinen, O Tenovuo, M Orešič. Serum metabolites associate with CT findings following TBI. Journal of Neurotrauma. 2018 Nov 15;35(22):2673-2683.
JP Posti, I Hossain, RS Takala, H Liedes, V Newcombe, J Outtrim, AJ Katila, J Frantzén, H Ala- Seppälä, JP Coles, A Kyllönen, HR Maanpää, J Tallus, PJ Hutchinson, M van Gils, DK Menon, O Tenovuo. Glial Fibrillary Acidic Protein and



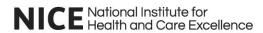
Ubiquitin C-Terminal Hydrolase-L1 Are Not Specific Biomarkers for Mild CT-Negative Traumatic Brain Injury. Journal of Neurotrauma. 2017;34(7):1427-1438.	
JP Posti, SK Riikka, MD Takala, H Runtti, V Newcombe, J Outtrim, AJ Katila, J Frantzén, H Ala- Seppälä, JP Coles, MD, M Iftakher Hossain, A Kyllönen, HR Maanpää, J Tallus, PJ Hutchinson, M van Gils, DK Menon, O Tenovuo, The levels of GFAP and UCH-L1 during the first week after a traumatic brain Injury. Neurosurgery. 2016. 79(3):456-64.	
RS Takala, JP Posti, H Runtti, VF Newcombe, J Outtrim, AJ Katila, J Frantzén, H Ala-Seppälä, A Kyllönen, HR Maanpää, MI Hossain, JP Coles, P Hutchinson, M van Gils,	



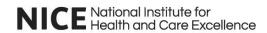
			DK Menon, O Tenovuo. GFAP and UCH-L1 as outcome predictors in traumatic brain injury. World Neurosurgery. 2016 87:8-20. Relationship of admission blood proteomic biomarkers levels to lesion type and lesion burden in traumatic brain injury: a CENTER-TBI study (draft)			
Dr Virginia Newcombe	Committee member	Non-financial – professional and personal – direct	Sophie Richter, MD; Stefan Winzeck, MSc; Evgenios N. Kornaropoulos, PhD; Tilak Das, MD, PhD; Thijs Vande Vyvere, PhD;Jan Verheyden, MSc; Guy B. Williams, PhD; Marta M. Correia, PhD; David K. Menon, MD, PhD; Virginia F. J. Newcombe, MD, PhD, Neuroanatomical Substrates and Symptoms Associated With Magnetic Resonance Imaging of Patients With Mild	March 2021	28 April 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. June 9 th 2021.



			Traumatic Brain Injury, Jama, 2021 Mar 1;4(3):e210994. doi: 10.1001/jamanetworkopen .2021.0994.			
Dr Virginia Newcombe	Committee member	Non-financial – professional and personal – direct	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis, J Neurotrauma . 2020 Oct 1;37(19):2069- 2080. doi: 10.1089/neu.2019.6911. Epub 2020 Jun 3.	June 2020	October 2021	Specific Partial exclusion. Agreed November 1st 2021 by Guideline Lead. Head imaging of people on anticoagulants and antiplatelets included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Dr Virginia Newcombe	Committee member	Non-financial – professional and personal – direct	Gave a talk at the Royal College of Emergency Medicine Annual Scientific conference titled 'Frontiers in TBI - The future'	5 October 2021	October 2021	Specific Partial exclusion. Agreed by Guideline Lead. October 2021. Biomarkers included in the scope of the guideline but no clear



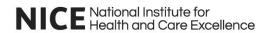
						opinion expressed in the talk. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations
Dr Virginia Newcombe	Committee member	Non-financial - professional and personal - direct	Traumatic brain injury: progress and challenges in prevention, clinical care, and research. Mass et al. (GC member a coauthor). (In press).	July 2022	15/07/22	Specific Partial exclusion. Agreed by Guideline Lead. 15/07/2022. Biomarkers and MRI predicting post concussion and Transport to a specialist centre are included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.



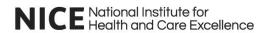
Dr Curtis Offiah	Committee member	Financial – direct	Private practice, one session a week, predominantly non- head trauma patients	2007	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Does not review imaging for acute head injury patients
Dr Curtis Offiah	Committee member	Financial – direct	Medicolegal and forensic consultation relating to neuroradiology including neurotrauma and occasionally non-accidental injury in infants	2011	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Interpretation of imaging not included in the scope of the guideline
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Independent forensic radiology advisory role to national crime agency, Police and HM Coroners	2013	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Interpretation of imaging not included in the scope of the guideline
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Senior lecturer and Msc student research dissertation supervisor to forensic medical sciences Masters programme –	2014	Feb 2021	ongoing	Non-specific Interpretation of imaging not included in the scope of the guideline.



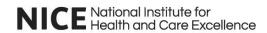
			Queen Mary University London				
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Advisory Editor – Clinical Radiology Journal of Royal College of Radiologists	2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Research projects relating to Neuroradiology including neurotrauma management through NHS practice	2007	Feb 2021	ongoing	Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. March 9 th 2021.
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Lectures local and national on forensic radiology and post-mortem CT imaging	July 2020	Mar 2021	July 2020	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Dr Curtis Offiah	Committee member	Non-financial, professional and personal – direct	Volume 2, Chapter 78: Imaging in Neurotrauma and Head and Neck Trauma Authors: Dr Curtis Offiah and Dr Mervyn Chong Editors: Bharat Aggarwal Name of the	2022 [not publishe d yet]	27 April 2021	2022	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31 st 2021.



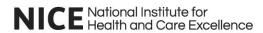
			book: Textbook of Radiology and Imaging. 8th Edition. Volume 1. Publisher: India, Elsevier. Year: 2022.				
Dr Curtis Offiah	Committee member	Financial - direct	Presented evidence on a murder trial as an expert witness	2021	27 April 2021	2021	Non-Specific. No action other than the process of open declaration. Agreed by Guideline lead. June 4 th 2021.
Dr Patrick O'Halloran	Committee member	Financial - direct	In receipt of grant funding from The Drake Foundation, the Rugby Football Union and the England and Wales Cricket Board to fund research into the use of salivary small non-coding RNAs in the diagnosis of sport concussion in soccer, rugby union and cricket	Sept 2017	Feb 2021	Sept 2020	Specific Partial exclusion. Agreed March 9th 2021 by Guideline Lead. Biomarkers (post concussion syndrome) included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations



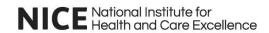
Dr Patrick O'Halloran	Committee member	Financial - direct	Marker Health https://markerhealth.com/ I am employed on a consultancy basis as a research scientist by Marker Health, a company which is investigating the use of salivary small noncoding RNAs in the diagnosis and management of head injury in various settings. The company was initially formed by my PhD supervisor (Professor Tony Belli) as a University of Birmingham spinout to commercialize the research of his department which my PhD studies were a part. I receive a monthly salary for this work and an enrolled in the company's Virtual Stock Option Plan.	October 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Topic not included in the scope of the guideline
Dr Patrick O'Halloran	Committee member	Financial – direct	Sports Medicine Work I work on a private sessional basis for Worcester Warriors rugby club and have worked for Wasps RFC and the RFU England Women's Rugby	Sept 2016	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.



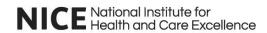
			age grade programmes in the last few years.			
Dr Patrick O'Halloran	Committee member	Non-financial – professional and personal - direct	Unique diagnostic signatures of concussion in the saliva of male athletes: The Study of Concussion in Rugby Union through MicroRNAs (SCRUM)" accepted for publication in the British Journal of Sports Medicine, Valentina Di Pietro, Patrick O'Halloran et al ePub	Mar 2021	Mar 2021	Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. May 19 th 2021.
Dr Patrick O'Halloran	Committee member	Non-financial – professional and personal – direct	Study of Concussion in Rugby Union through microRNAs (SCRUM Study). As part of my PhD and Clinical Research Fellow role at the University of Birmingham, I had a project management role in this study which aimed to evaluate the use of salivary small non-coding RNAs in the diagnosis of sport concussion in professional rugby union, in conjunction with the English Rugby Football	2017	Mar 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Topic not included in the scope of the guideline



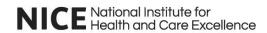
			Union and Premiership Rugby. This project also encompassed branches of similar investigation in soccer, cricket, boxing and Skeleton. I am currently working on revisions of the manuscript for the rugby union portion of this study, under consideration at the British Journal of Sports Medicine. Similarly, I have been involved in previous publications related to the protocol and preliminary findings of this study.				
Dr Patrick O'Halloran	Committee member	Non-financial – professional and personal – direct	Observed meeting of Concussion and Sport Group and contributed on a systematic review on ongoing follow up after acute management	Novemb er 2022	Novemb er 2022	Novemb er 2022	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. November 22 nd 2022. Topic not included in the scope of the guideline.
Mr James Piercy	Lay member	Financial – direct	Occasionally paid to deliver presentations on personal experience of head injury to public audiences	Jan 2012	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Content will not



							cover any of the topics in the scope of the guideline
Mr James Piercy	Lay member	Non-financial – professional and personal – direct	Trustee United Kingdom Acquired Brain Injury Forum	Nov 2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Mr James Piercy	Lay member	Non-financial – professional and personal – direct	Treasurer Norfolk and Waveney Acquired Brain Injury Network	Jun 2019	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Mr James Piercy	Lay member	Non-financial – professional and personal – direct	Contributing author: Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research The Lancet Neurology 16(12)	Dec 2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. No clear opinion stated on the topics in scope.
Mr James Piercy	Lay member	Non-financial – professional and personal – direct	Lay member RESCUE ASDH clinical trial	2015	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Neurosurgery not



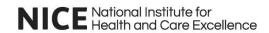
							included in the scope of the guideline.
Mr James Piercy	Lay member	Financial – direct	Outreach lead NIHR brain injury medtech cooperative. I am paid by the University of Cambridge to encourage and promote patient participation in research	May 2020	March 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Ms Gillian Richards	Lay member	Financial – direct	Private Practice Counselling (part-time) with clients who present with a wide range of issues. From time to time, this can include clients with experience of head injury as part of their presenting issues. Some of my clients are referred by GPs.	Septemb er 2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Counselling is not included in the scope.
Ms Gillian Richards	Lay member	Non-financial - professional and personal – direct	Volunteer co-facilitator of monthly support groups for Headway East Sussex and participant in Headway publicity and fund-raising events.	Jan 2011	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Ms Gillian Richards	Lay member	Financial – direct	As part of my part-time private counselling practice, becoming one of the preferred counselling	Mar 2021	Mar 2021	ongoing	Non-specific No action other than the process of open



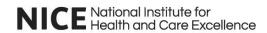
			service providers for Headway East Sussex. I envisage counselling 1 to 3 clients weekly				declaration. Agreed by Guideline lead. March 31 st 2021. Counselling not included in the scope.
Ms Gillian Richards	Lay member	Non-financial - professional and personal – direct	Member of UKABIF	2016	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Ms Gillian Richards	Lay member	Non-financial - professional and personal – direct	Talk on Managing Fatigue after Brain Injury for Headway East Sussex Well-being group (no fee) 11th March 2021.	Mar 2021	Mar 2021	Mar 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Dr Matthew Wiles	Committee member	Non-financial professional and personal – direct	Member of the Editorial board of the journal Anaesthesia	01/10/20 15	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Matthew Wiles	Committee member	Financial -direct	Honorarium from GE Healthcare for speaking at educational event organised by Topmedtalk on anaesthesia (https://www.topmedtalk.c om/topmedtalk-gezz-van-	08/01/20 20	Feb 2021	08/01/2 0	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 21st



			zwanenberg-matt-wiles- and-marcus-peck-2/)				2021. Anaesthesia not included in the scope.
Dr Matthew Wiles	Committee member	Financial – direct	Private practice in anaesthesia for independent sector hospitals (BMI Thornbury/Claremont) in Sheffield	01/01/20 13	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Anaesthesia not included in the scope.
Dr Matthew Wiles	Committee member	Non-financial - professional and personal – direct	Publication of review article Management of traumatic brain injury: a narrative review of current evidence, https://doi.org/10.1111/ana e.15608, 2022	Jan 2022	22/04/20 22	Jan 2022	Specific Partial exclusion. Agreed by Guideline lead. April 22nd 2022. Tranexamic acid included in the scope of the guideline. The committee member will remain in the room for presentation of the evidence and may be asked to respond to specific questions from the committee regarding this topic but will not take part in drafting the recommendations.
Mr Colin Williamson	Committee member	Non-financial - professional and personal – direct	Chair of Northern Ireland Trauma Network Nursing and Allied Health Professional Subgroup.	2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by



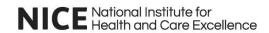
			(Northern Ireland Public Health Agency Funded)				Guideline lead. March 9 th 2021.
Mr Colin Williamson	Committee member	Non-financial - professional and personal – direct	Northern Ireland Trauma Network Clinical Advisory Group Member. (Public Health Agency Funded)	2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Mr Colin Williamson	Committee member	Non-financial - professional and personal – direct	Gave a presentation on 10th June to the Irish Nurses and Midwives Organisation in Dublin on the Northern Ireland Major Trauma Network: It did not cover any aspect of Head Injury management	10/06/21	June 2021	10/06/2	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. July 22th 2021.
Prof Indi Banerjee	Co-opted member	Financial – direct	Investigator meeting, Hanmi Pharmaceuticals, potential clinical trial of a long acting form of glucagon for the treatment of hypoglycaemia for patients with Congenital Hyperinsulinism.	19 Jan 21	Feb 2021	-	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. No products under consideration in the guideline
Prof Indi Banerjee	Co-opted member	Financial – direct	Trustee, NORCHI Charitable Trust	Sep 2011	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by



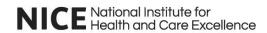
							Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Financial – direct	Private practice, Spire Manchester (usually one patient per 1-2 weeks (i.e. 0.5-1 patient per week), conditions – short stature, delayed and advanced puberty)	Sep 2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Financial – direct	Principal investigator in a Web based Adherence Information and Nurse-led Monitoring study, sponsored by NHS Trust but funded by Merck Serono	June 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Project topic not included in the scope.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Audit and Peer Review Officer, British Society for Paediatric Endocrinology and Diabetes [responsible for growth hormone audit, responsible for national audits in paediatric audits]	June 2018	Feb 2021	Dec 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Medical Adviser, Pituitary Foundation [advise on use of growth hormone and other pituitary hormone replacements]	Jan 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. The management of



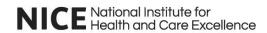
							hypopituitarism is outside of the scope of the guideline
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Medical Adviser, Living with Congenital Adrenal Hyperplasia	Jul 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Topic not included in the scope of the guideline
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Associate Editor, Frontiers in Endocrinology; may edit papers related to topic under discussion	Jul 2012	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Editorial Board, Clinical Endocrinology: may edit papers related to topic under discussion	Jan 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Chair, Clinical Studies Group, British Society for Paediatric Endocrinology and Diabetes – discuss research in several aspects of paediatric	Jun 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.



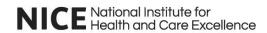
			endocrinology				
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Chair, Communications Committee, European Society for Paediatric Endocrinology; may discuss education/training/infor mation relating to topic under consideration	Sept 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Appointments Advisory Committee, Royal College of Paediatrics and Child Health; clinical experience of managing endocrine sequelae of children with head injury could be discussed in consultant interviews	Aug 2018	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Prof Indi Banerjee	Co-opted member	Non-financial - professional and personal – direct	Associate Medical Director for Research and Innovation at Royal Manchester Children's Hospital; may discuss research relating to topic under discussion	Dec 2018	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Ganesh Bavikatte	Co-opted member	Financial – direct	I am NHS Neurorehabilitation consultant with some Private Medical and	2014	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th



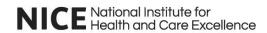
			Medicolegal work (related to Rehabilitation Medicine)				2021. Rehabilitation outside of the scope of the guideline
Dr Ganesh Bavikatte	Co-opted member	Financial – direct	Share holder of Impression Health care (Nursing home registered facility)	2018	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Mr Nicholas Brown	Co-opted member	Financial – direct	Health Care Professions Council-Partner member	2019	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Tara Kearney	Co-opted member	Financial - direct	Undertakes private practice at the Alexandra Hospital weekly (1 session a week, approximately 10-20 patients with a head injury in the last ten years)	Approxi mately 2010	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Due to low volume of guideline related private practice no exclusion is required Agreed by Guideline lead. April 21st 2021.
Dr Tara Kearney	Co-opted member	Non-financial - professional and personal – direct	I am a member of the Council for Endocrinology	2019	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by



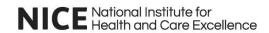
							Guideline lead. April 21 st 2021.
Dr Tara Kearney	Co-opted member	Non-financial - professional and personal – direct	I am Chair for the North West Endocrine Society	2007	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 21st 2021.
Dr Tara Kearney	Co-opted member	Non-financial - professional and personal – direct	I have supported research in head injury induced hypopituitarism, via my MD student at the time	2016	Mar 2021	ongoing	Specific No action as no publications. Agreed by Guideline lead. June 9 th 2021.
Dr Tara Kearney	Co-opted member	Non-financial - professional and personal – direct	I review academic literature for journal publications	2010	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 21st 2021.
Dr Tara Kearney	Co-opted member	Non-financial - professional and personal – direct	I chair the pan-Manchester Pituitary MDT	2005	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. April 21st 2021.



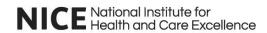
Dr Hari Krishnan	Co-opted member	Non-financial - professional and personal – direct	Publication describing significant variability in PICU management of severe traumatic brain injury in children. [https://pubmed.ncbi.nlm.n ih.gov/33009356/] Also interested in promoting consistency within different UK PICUs by standardization of guidelines	01/01/20 20	Feb 2021	01/01/2 020	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Topic not included in the scope of the guideline.
Dr Hari Krishnan	Co-opted member	Non-financial - professional and personal – direct	Deputy Chair of Clinical Advisory Group, PICANet	Sept 2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Hari Krishnan	Co-opted member	Non-financial - professional and personal – direct	Member, Editorial board of PCCM Journal as Social Media ambassador	2019	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Ibrahim Jalloh	Co-opted member	Financial - direct	Directorship of IBJ Consulting Limited which provides medicolegal expert reports including reports for the family	10/2019	Mar 2021	ongoing	Non-specific No action other than the process of open declaration as there is no scope to gain from the



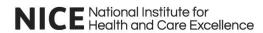
			courts investigating brain injuries in children.				committee's work. Agreed by Guideline lead. March 31 st 2021.
Dr Clara O'Brien	Co-opted member	Financial -direct	Clinician undertaking private practice (2/3 private patients with chronic problems following a head injury): Director of 'Dr Clara O'Brien Neuropsychology' where I am the sole practitioner undertaking private clinical work.	Sept 2016	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Neuropsychological intervention is not included in the scope.
Dr Clara O'Brien	Co-opted member	Non-financial professional and personal – direct	Main employment for University Hospitals Sussex NHS Trust	2020	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Dr Barry Seemungal	Co-opted member	Financial – direct	Director of Zaboca Itd (private practice) 8 new cases in the last year, 2 were chronic head injury related, the others were non-TBI vestibular cases. He has managed 2 acute neurological cases privately since he became a consultant in 2008, and	2016	Feb 2021	ongoing	Specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Due to low volume of guideline related private practice no exclusion is required.



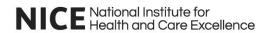
			one of those was a head injury.				
Dr Barry Seemungal	Co-opted member	Non-financial professional and personal – direct	Editor-in-Chief, Journal of Concussion, Sage.	2017	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Barry Seemungal	Co-opted member	Financial direct	Intellectual property medical device/system with Imperial College London, to treat vertigo in the community in general (overlaps with but is not specific to head injury).	Invention 2014, patent submitte d via Imperial team 2020.		Mar 2021	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31 st 2021. Treatment of vertigo not included in the scope.
Dr Barry Seemungal	Co-opted member	Non-financial - professional and personal – direct	Recently completed MRC grant in acute traumatic brain injury (TBI) assessing vestibular dysfunction	2016	Mar 2021	2020	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31 st 2021. Topic is outside of the scope.
Dr Barry Seemungal	Co-opted member	Non-financial - professional and personal – direct	Supervisor to NIHR doctoral fellow assessing dizziness treatment in acute TBI	2017	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st



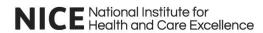
							2021. Topic is outside of the scope.
Dr Barry Seemungal	Co-opted member	Financial - direct	Grant from the US Department for Defense investigating the factors that lead to chronic dizziness in mild TBI	2018	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31 st 2021. Topic is outside of the scope
Dr Peta Sharples	Co-opted member	Non-financial - professional and personal – direct	Chair of BPNA UK Neurorehabilitation Network	2017	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Dr Peta Sharples	Co-opted member	Non-financial - professional and personal – direct	Member of NHS England Paediatric Clinical Reference Group Neurorehabilitation Working Group	2017	Mar 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 31st 2021.
Dr Peta Sharples	Co-opted member	Non-financial - professional and personal – direct	Co-author on a published paper about post-traumatic endocrinopathy in children. Daskas N, Sharples P, Likeman M, Lightman S, Crowne E. Growth	2019	June 2021		Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by



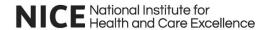
			hormone secretion, fatigue and quality of life after childhood traumatic brain injury. Eur J Endocrinol. 2019 181(3), 331-338. https://doi.org/10.1530/EJ E-19-0166 Jul 1.			Guideline lead. 9 th June 2021.
Dr Peta Sharples	Co-opted member	Non-financial - professional and personal – direct	Co-author of a paper about post-traumatic endocrinopathy in children recently submitted for publication to the European Journal of Endocrinology. Daskas N, Sharples PM, Likeman M, Lightman S, Crowne EC. Childhood traumatic brain injury: Evidence of chronic cortisol dynamics dysfunction.	2021	June 2021	Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. 9 th June 2021.
Dr Peta Sharples	Co-opted member	Non-financial - professional and personal – direct	Co-author of a paper about long term outcome following mild TBI. To be submitted to Archives of Disease in Childhood (previously submitted to Developmental Medicine and Child Neurology)	2020	June 2021	Specific No action but interest will be reviewed with partial exclusion if publications are included in the evidence review. Agreed by Guideline lead. 9 th June 2021.



Dr Suzanna Watson	Co-opted member	Financial direct	Private Practice I currently work one day a week (for myself) in private practice to provide paediatric neuropsychological rehabilitation for children and young people with acquired brain injuries.	2008	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021. Rehabilitation not included in the scope.
Dr Suzanna Watson	Co-opted member	Non-financial - professional and personal – direct	In collaboration with my colleague, Dr Emily Bennett (Consultant Clinical Psychologist) from the Brain Injury Living Life team at Nottingham University Hospital, I help to lead the UK Paediatric Neurorehabilitation Specialist Interest Group. This is now a group of 133 paediatric neuropsychologists, clinical psychologists and educational psychologists who work with children and young people with acquired brain injuries. The group's aims are to share expertise and	March 2018	Feb 2021	Ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.



			resources and to collaborate with research in order to develop paediatric neuropsychological rehabilitation for children, young people and families in the UK.				
Dr Suzanna Watson	Co-opted member	Non-financial - professional and personal – direct	With colleagues at the Cambridge Centre for Paediatric Neuropsychological Rehabilitation, I have published a paper analyzing children's goals in rehabilitation after acquired brain injury: McCarron, R. H., Watson, S., Gracey, F. (2019). What do kids with Acquired Brain Injury want? Mapping neuropsychological rehabilitation goal types to the International Classification of Functioning, Disability and Health. Journal of the International	2019	Feb 2021	ongoing	Non-specific No action other than process of open declaration. Agreed by Guideline lead. March 9 th 2021.Topic not included in the scope of the guideline



			Neuropsychological Society, 25(4), 403-412.				
Dr Suzanna Watson	Co-opted member	Non-financial - professional and personal – direct	Ordinary Committee Member of the Faculty of Paediatric Neuropsychology of the British Psychological Society.	Decemb er 2018	Feb 2021		Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th 2021.
Dr Suzanna Watson	Co-opted member	Non-financial - professional and personal – direct	Honorary Lecturer at the University of East Anglia	2020	Feb 2021	ongoing	Non-specific No action other than the process of open declaration. Agreed by Guideline lead. March 9 th . 2021.

GUIDANCE NOTES FOR COMPLETION OF THE INTERESTS REGISTER

Relevant dates: Detail here the date the interest arose, the date it was first declared and when it ceased, if applicable. For example, if an individual has ceased to hold shares or undertake relevant private practice.