

## Diagnostics Advisory Committee Interests Register

**Topic: Early value assessment: Artificial intelligence technologies to help detect fractures in the emergency department**

NICE's declaration of interest policy can be accessed [here](#)

Name	Role with NICE	Type of interest	Description of interest	Interest arose	Interest declared	Interest ceased	Comments
Brian Shine	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Alex Novak	Standing committee member	Financial	GE Healthcare Ltd – Consultancy – paid to present at 2021 European Congress of Radiology and 2022 British Institute of Radiology Roundtable event on AI adoption in UK	March 2021	April 2024	March 2023	<i>Partial exclusion (attend for Part 1 only)</i> <i>AD and Chair April 2024</i>
Alex Novak	Standing committee member	Non-financial professional and personal interests	Lead applicant on NIHR RfPB Grant based on AI Fracture detection - £148k. Project evaluates Gleamer Boneview algorithm provided for study at no cost, but no direct payment from company.  The RfPB grant is for an online multireader study (FRACT-AI) looking at the impact of an AI-assisted fracture detection tool (Gleamer Boneview) on the diagnostic accuracy of clinicians and radiologists of different grades and specialties looking at a range of different fracture types.  The RfPB grant is paid to my employer - the study is sponsored by Oxford University Hospitals NHS FT and all funding is paid via Trust R&D	July 2023	April 2024	Ongoing	<i>Partial exclusion (attend for Part 1 only)</i> <i>AD and Chair April 2024</i>

			<p>The RfPB is independent aside from the donation of the product. The company did not influence the study design in terms of methodology or dataset, but representatives did advise on technical aspects of study design e.g. nature of the algorithm, how to implement the algorithm on the online platform and necessary dataflows etc. The study due to report on 15 September 2024.</p> <p>Data from it may feed into the EVA though timelines for delivery have been challenging due to admin delays in the Trust.</p>				
Alex Novak	Standing committee member	Non-financial professional and personal interests	<p>Qure.ai – chief investigator on reader study and co-investigator prospective study evaluating Qure qER CT Head interpretation algorithm – funded through NHSX award, paid to Qure.ai in partnership with Guys and St Thomas' Hospital, who have then paid the money for the specific subproject (AI-REACT and ACCEPT-AI) to Oxford University Hospitals NHS FT</p> <p>The NHSX Grant was awarded to Qure.ai and GSTT (as above). The Chief Investigator for the ACCEPT-AI trial is Haris Shuaib however (and I am Chief Investigator for AI REACT, a multicase multireader study evaluating the impact of CT Head algorithm on clinicians' diagnostic accuracy), and whilst Qure representatives have supported the study team with technical and logistical advice, the protocol and data reporting has been undertaken independently.</p>	March 2022	April 2024	Ongoing	<p><i>Partial exclusion (attend for Part 1 only)</i></p> <p><i>AD and Chair April 2024</i></p>

Alex Novak	Standing committee member	Indirect	Grant application for NIHR HTA grant based on prospective evaluation of fracture detection in process - submitted 4th September 2024 (phase 1 results Jan 2025)	September 2024	September 2024	Ongoing	<i>Declare and Participate</i>
Anne Scott	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Diane Davies	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Farai Goromonzi	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Ghada Ahmed	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Jacob Brown	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
John Cairns	Standing committee member	Financial	Advice to SOBI regarding economic evaluation of efanesoctocog alfa for treating haemophilia A	May 2023	May 2024	July 2023	<i>Declare and Participate</i>
John Cairns	Standing committee member	Financial	Participate in steering group for study of preferences for pain relief funded by Grünenthal	April 2023	May 2024	February 2024	<i>Declare and Participate</i>
John Cairns	Standing committee member	Financial	Participation in meeting advising on economic modelling of treatments for Dravey Syndrome and Lennox Gastaut Syndrome funded by Maple Health Group	February 2024	May 2024	March 2024	<i>Declare and Participate</i>
John Cairns	Standing committee member	Financial	Advice to Pierre Fabre advising on economic modelling of a treatment for non-small-cell lung cancer.	May 2024	September 2024	June 2024	<i>Declare and Participate</i>

John Cairns	Standing committee member	Financial	Advice to Johnson & Johnson on economic modelling of a treatment for urothelial carcinoma.	June 2024	September 2024	June 2024	<i>Declare and Participate</i>
John Cairns	Standing committee member	Financial	Advice to Johnson & Johnson on economic modelling of a treatment for non-small-cell lung cancer.	July 2024	September 2024	August 2024	<i>Declare and Participate</i>
Jonathan Weir-McCall	Standing committee member	Financial	Royal Papworth Radiology Private Consultancy	August 2018	May 2024	Ongoing	<i>Declare and Participate</i>
Jonathan Weir-McCall	Standing committee member	Non-financial professional and personal interests	Secretary, British Society of Cardiovascular Imaging	2022	May 2024	Ongoing	<i>Declare and Participate</i>
Jonathan Weir-McCall	Standing committee member	Non-financial professional and personal interests	Board of Directors, Society of Cardiovascular CT	2022	May 2024	Ongoing	<i>Declare and Participate</i>
Jonathan Weir-McCall	Standing committee member	Indirect	My wife has an NIHR fellowship grant to develop AI algorithms for fracture detection in children. This is in the research development stage, with no commercial or academic product currently available, and no short-term plans for commercialisation.	2021	May 2024	Ongoing	<i>Declare and Participate</i>
Joy Allen	Standing committee member	Financial	Employee of Roche Diagnostics	31 August 2021	May 2024	Ongoing	<i>Declare and Participate</i>
Keith Abrams	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Matt Stevenson	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>

Michael Morton	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Neil Hawkins	Standing committee member	Financial	Alongside my academic role, I have provided advice and undertaken analysis for a number of pharmaceutical and biotech companies related to HTA activities and am listed as a director of a company providing HTA services. I have not provided consultancy to any of the stakeholders listed for this appraisal.		May 2024	Ongoing	<i>Declare and Participate</i>
Neil Hawkins	Standing committee member	Non-financial professional and personal interests	As part of my university employment, I am involved in a study evaluating the use of Qure.ai artificial intelligence software to prioritise chest X-ray interpretation. The project is funded by the Scottish Government and Qure.ai.	Feb 2023	May 2024	Ongoing	<i>Declare and Participate</i>
Patrick McGinley	Standing committee member	Financial	Hon Treasurer Association for Study of Obesity	October 2020	November 2023	Ongoing	<i>Declare and Participate</i>
Patrick McGinley	Standing committee member	Non-financial professional and personal interest	Member of the strategic committee of APPG on Obesity	November 2019	March 2024	Ongoing	<i>Declare and Participate</i>
Patrick McGinley	Standing committee member	Non-financial professional and personal interest	Faculty member of MTech Access providing advice on NHS finance structure, pricing and tariff developments	Jan 2019	March 2024	Ongoing	<i>Declare and Participate</i>
Radha Ramachandran	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Rashmi Kumar	Standing committee lay member	None	-	-	-	-	<i>Declare and Participate</i>

Rebecca Allcock	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Sam Creavin	Standing committee member	None	-	-	-	-	<i>Declare and Participate</i>
Amanda Isaac	Specialist committee member	None	-	-	-	-	<i>Declare and participate</i>
Azizul Haque	Specialist committee member	Financial interest	Private practice – shoulder and elbow surgery	February 2023	July 2024	Ongoing	<i>Declare and participate</i>
Claire Hart	Specialist committee member	Non-financial professional and personal interests	Voluntary support to charity Worldwide Radiology (registered charity no 1178885), I am offering educational support to a hospital radiographic team in the Gambia	September 2023	June 2024	Ongoing	<i>Declare and participate</i>
David Lowe	Specialist committee member	Financial interest	Clinical advisory board, British Telecom	December 2023	July 2024	Ongoing	<i>Declare and participate</i>
David Lowe	Specialist committee member	Financial interest	Director, ScribePro, medical recording platform for sports	August 2019	July 2024	Ongoing	<i>Declare and participate</i>
David Lowe	Specialist committee member	Financial interest	AstraZeneca honorarium (speaker fees) - long term condition management and innovation, not related to AI	2023	July 2024	2023	<i>Declare and participate</i>
David Lowe	Specialist committee member	Financial interest	Boehringer Ingelheim honorarium (speaker fees) - long term condition management and innovation, not related to AI	2022	July 2024	2022	<i>Declare and participate</i>
David Lowe	Specialist committee member	Financial interest	Clinical Lead Scottish Government	2019	July 2024	Ongoing	<i>Declare and participate</i>

David Lowe	Specialist committee member	Non-financial professional and personal interests	Trustee, Health Innovation (Children's Charity NHS Greater Glasgow Clyde)	2024	July 2024	Ongoing	<i>Declare and participate</i>
David Lowe	Specialist committee member	Non-financial professional and personal interests	Clinical Director, University of Glasgow	2023	July 2024	Ongoing	<i>Declare and participate</i>
David Lowe	Specialist committee member	Non-financial professional and personal interests	I am CI for study assessing qure.ai chest radiograph performance in lung cancer. My involvement is funded by ScotGov as a clinical academic. I have not received any funding from qure.ai but they provided support to my health board to deploy the solution for evaluation and I have received travel support to attend meetings.	Q4, 2023	December 2024	Ongoing	<i>Declare and participate</i>
Garry Swann	Specialist committee member	Nil	-	-	-	-	<i>Declare and participate</i>
Kate Hawley	Lay specialist committee member	Nil	-	-	-	-	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Financial	Consultant Radiographer, University College London Hospitals NHS Foundation Trust – employee and grant holder	October 2020	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Financial	Clinical Academic Senior Lecturer, Canterbury Christ Church University - employee and grant holder	December 2015	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Financial	Director, Woznitza Imaging Solutions. Clinical advisory work for InHealth Reporting, SM Radiology, on clinical governance, radiographer education, health technology consultancy via SM	August 2017	April 2024	Ongoing	<i>Declare and participate</i>

			Radiology for Annalise.ai Jan-April 2022				
Nicholas Woznitza	Specialist committee member	Financial	Travel grant from Qure.ai Technologies: economy flight and budget hotel to conduct research at ECR 2023: Multireader multicase (MRMC) study on fracture detection by radiographers and radiologists; MRMC study on chest x-ray accuracy by radiographer and radiologists	March 2023	April 2024	March 2023	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Financial	AstaZeneca speaker honorarium to present at the Polish Respiratory Meeting on artificial intelligence	April 2023	April 2024	April 2023	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Member, College of Radiographers Diagnostic Imaging Advisory Group	April 2019	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Member, College of Radiographers Artificial Intelligence Working Group	April 2020	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Co-chair, European Federation of Radiographer Societies AI in radiography working group expert panel member EFRS – Advance Practice, research and radiographer reporting	April 2019	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Chair, NHS England London radiographer enhanced and advanced practice working group	March 2022	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and	Member, Royal College of Radiologists & College of	October 2022	April 2024	March 2023	<i>Declare and participate</i>



		personal interests	Radiographers CXR Education Standards Project Working Group Defining the educational standards for chest X-ray reporting				
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Member: Royal College of Radiologists & College of Radiographers Diagnostic Radiographer Nasogastric Tube Interpretation Working Group Defining the governance requirements and educational standards for nasogastric tube chest X-ray interpretation	September 2022	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Member, UK Lung Cancer Coalition Clinical Advisory Group	March 2019	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Member, Royal College of Radiologists working group – Adoption of thoracic AI	November 2023	April 2024	June 2024	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Research hub lead, UKIO 2023 Congress coordinating the onsite research hub	October 2022	April 2024	September 2023	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Clinical Lead, NHS England London Radiographer Reporting Programme	September 2017	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Research grant: AI assisted Chest X-ray triage for improving diagnostic efficiency and early detection of lung cancer [LungIMPACT] Funded by SBRI Healthcare to Qure.ai Technologies to employer	December 2021	April 2024	Ongoing	<i>Declare and participate</i>

Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Research grant: Evaluation of the use of AI to support emergency department clinicians to analyse CT scans in patients with head injuries Clinical trial – ACCEPT-AI; MRMCM study AI-REACT Funded by NHSx AAC award to Qure.ai Technologies to employer	June 2021	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Research grant: Diagnostic Radiographer Nasogastric Tube Interpretation Pilot and evaluation of nasogastric tube interpretation by radiographers Funded by Health Education England (London) to employer	October 2022	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Co-investigator: Clinical evaluation of a consecutive series of adult MSK ED referrals and the impact of an AI tool at a single NHS Trust (MSc supervisor) MSc supervisor for a dissertation evaluating the accuracy of an AI clinical decision support tool (Rayvolve, AZmed) for 1-month (August 2023) at a single NHS Trust No funding.	February 2022	April 2024	Ongoing (ending September 2024)	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Co-investigator: Multireader multicase (MRMC) study on fracture detection by frontline clinicians on adult ED MSK X-rays with AI clinical decision support (Fract-AI study) Co-I for a retrospective study looking at frontline clinicians (radiographers, ENP, ED, physiotherapists etc) accuracy of adult MSK X-ray interpretation with and without AI (BoneView, Gleamer)	March 2023	April 2024	Ongoing (ending September 2024)	<i>Declare and participate</i>

			Funded by NIHR RfPB to Dr Alex Novak.				
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Co-investigator: MRMC study on fracture detection on paediatric ED MSK X-rays with AI clinical decision support (FRACTURE study) Co-I for a retrospective study looking at frontline clinicians (radiographers, ENP, ED, physiotherapists etc) accuracy of paediatric MSK X-ray interpretation with and without AI (BoneView, Gleamer) Funded by NIHR Advance Fellowship to Dr Susan Shelmerdine	March 2023	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Non-financial professional and personal interests	Research grant: Impact of Artificial Intelligence on the Detection of Lung Cancer by Reporting Radiographers A comparative study assessing the effectiveness of AI and simulation education (LungAIM) CI for a study comparing the impact of education and AI (qXR, Qure.ai Technologies) on the lung cancer detection accuracy of reporting radiographers on chest X-rays Funded by HEE London to employer	March 2023	April 2024	December 2023	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	University College London Hospitals NHS Foundation Trust Employee/grant holder	October 2020	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	Canterbury Christ Church University Employee/grant holder	December 2015	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	College of Radiographers Diagnostic Imaging and AI Advisory Group – stakeholder comment on HSIB missed	April 2018	April 2024	Ongoing	<i>Declare and participate</i>

			lung cancer and GIRFT lung cancer reports				
Nicholas Woznitza	Specialist committee member	Indirect	European federation of Radiographer Societies co-chair AI working group, contribution to ISSRT/EFRS position paper	April 2019	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	UK Lung Cancer Coalition member, clinical advisory group, contributor to guidance documents	March 2019	April 2024	Ongoing	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	British Institute of Radiology Trustee	September 2016	April 2024	September 2019	<i>Declare and participate</i>
Nicholas Woznitza	Specialist committee member	Indirect	Assocaite editor, Journal of Medical Radiation Sciences, manage manuscripts through peer review and decision making	Sept 2012	April 2024	Ongoing	<i>Declare and participate</i>
Sarah Heaslip	Specialist committee member	Nil	-	-	-	-	<i>Declare and participate</i>
Sarah Markham	Lay specialist committee member	Nil	-	-	-	-	<i>Declare and participate</i>
Susan Shelmerdine	Specialist committee member	Financial	I am funded by the NIHR Advanced Fellowship to conduct a body of research on whether AI should/can be used to help fracture detection in children. This fellowship award covers my salary and research equipment costs.	September 2021	May 2024	Ongoing	<i>Partial exclusion (attend for Part 1 only)</i>
Susan Shelmerdine	Specialist committee member	Financial	I am a co-founder of a company called Anubix Ltd which provides private postmortem radiology reporting services. This is unrelated to AI for fracture detection and has no conflict with this work	May 2023	May 2024	Ongoing	<i>Partial exclusion (attend for Part 1 only)</i>

Susan Shelmerdine	Specialist committee member	Financial	I do teleradiology work with a company called TMC, which has no conflict or interest/overlap with this AI fracture detection work.	June 2023	May 2024	Ongoing	<i>Partial exclusion (attend for Part 1 only)</i>
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