

**Diagnostics Advisory Committee Interests Register**

**Topic: Artificial intelligence (AI) software to help clinical decision making in stroke**

Name	Role with NICE	Type of interest	Description of interest	Interest arose	Interest declared	Interest ceased	Comments
Sotirios Bisdas <b>Confirmed no updates 15062023</b>	Specialist committee member	Financial	Private practice privileges at Queen Square Private Imaging Centre, HCA Chiswick, UCH and Portland Hospitals	2/1/2016	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Private practice privileges at HCA Chiswick, UCH and Portland Hospitals	1/6/2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Member of the Advisory Board and Consultancy fees: Image Analysis Group, London/UK – Philadelphia/USA	1/2/2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Private medicolegal work	1/7/2018	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Share options and benefits in kind for speaking engagements: Advantis Medical, Amsterdam/NL	1/9/2018	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Member of the Advisory Board and benefits in kind and payment for speaking engagements and consultancy, respectively: Olea Medical, La Ciotat/France	1/4/2017	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Financial	Co-founder of the company Medicon.AI Ltd. (Companies house number 11984448; Nature of business: Engineering related scientific and technical consulting activities - Research and experimental development on biotechnology)	8/5/2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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Sotirios Bisdas	Specialist committee member	Non-financial professional and personal interests	Member of the AI committee of the British Society of Neuroradiologists (BSNR)	1/3/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Non-financial professional and personal interests	Clinical Lead of the AI Committee, Department of Neuroradiology, The National Hospital for Neurology and Neurosurgery, UCL Hospitals NHS Trust	1/11/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Non-financial professional and personal interests	Principal Investigator in a submitted funding application for the NIHR AI programme Stage 3 about AI-assisted MRI and CT for tumours and stroke diagnosis (Vendor: Biomind)	1/2/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Non-financial professional and personal interests	Secretary and Professional Relationships Liason for the European Society of Medical Imaging and Informatics	1/11/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Non-financial professional and personal interests	eHealth and Informatics Subcommittee Member, European Society of Radiology	1/2/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Indirect	I am Associate Editor of the AI section in the journal Cancer Imaging, Springer	1/4/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Indirect	I am co-founder of the NPO "Society of Advanced Neuroimaging", Athens/Greece. The society promotes the use of advanced techniques in Imaging of all neurological diseases.	1/10/2012	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Sotirios Bisdas	Specialist committee member	Indirect	Close friend to Mr Nikolaos Dimos, Co-founder and CTO of the Medicon.AI Ltd. (Companies house number 11984448; Nature of business: Engineering related scientific and technical	8/5/2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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			consulting activities - Research and experimental development on biotechnology)				
Sotirios Bisdas	Specialist committee member	Indirect	Appointed by the European Society of Medical Imaging and Informatics to represent it in the American Society of Imaging Informatics.	1/10/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Margaret Cheng <i>Updated June 2023</i>	Specialist committee member	Financial	I am now a Patient and Public Voice (PPV) Partner on the National Stroke programme (NHS England). This is a Level 4 appointment that attracts an honorarium payment.	January 2023	June 2023	Ongoing	<i>Declare and participate, Chair and AD July 2023</i>
Margaret Cheng	Specialist committee member	Non-financial personal and professional interests	I am a Trustee of the Research Institute for Disabled Consumers. RiDC is a charity working towards an accessible and inclusive life for disabled and older consumers	Feb 2017	February 2022	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Margaret Cheng	Specialist committee member	Non-financial personal and professional interests	I am a member of the PPI group for the ReTaKE (Return to Work after Stroke) project run by Nottingham University. ReTaKE is a long term project looking at the impact of early, specialist, rehab intervention on the ability of stroke survivors to return to work.	Sept 2017	February 2022	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Margaret Cheng	Specialist committee member	Non-financial personal and professional interests	I am an expert panel member (PPI) for the HEE Pre-Doctoral Bridging Programme at Nottingham University.	October 2021	February 2022	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Margaret Cheng	Specialist committee member	Non-financial personal and professional interests	I am a lay member of the NICE committee reviewing the guideline for rapid blood pressure reduction	October 2021	February 2022	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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			following intracerebral haemorrhage.				
Margaret Cheng	Specialist committee member	Non-financial personal and professional interests	I am a public representative on the HSDR programme funding committee (NIHR). My first committee will meet in April 2022	January 2022	February 2022	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Tim England <b>Confirmed no updates 19062023</b>	Specialist committee member	Indirect	The head of my department (Stroke, University of Nottingham) is undertaking research with Brainomix, including the use of CT scans from the RIGHT-2 trial and the Real-world Independent Testing of e-ASPECTS Software (RITeS) study.	2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Tim England	Specialist committee member	Indirect	Research grant received from the NIHR to my employer, the University of Nottingham, to conduct the RECAST-3 trial (grant number NIHR128240)	August 2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Tim England	Specialist committee member	Indirect	Research grant received from the NIHR to my employer, the University of Nottingham, to conduct the TICH-3 trial (grant number NIHR 29917)	May 2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Carole Gavin <b>Updated June 2023</b>	Specialist committee member	Financial	Private medicolegal work	Sept 2022	June 2023	Ongoing	<i>Declare and participate, Chair 3 July 2023</i>
Carole Gavin	Specialist committee member	Non-financial personal and professional interests	Vice President Royal College of Emergency Medicine	October 2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Nigel Hoggard <b>Confirmed no updates 30062023</b>	Specialist committee member	Financial	I undertake private practice	1/1/2009	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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Nigel Hoggard	Specialist committee member	Indirect	I have been approached to act as a consultant neuroradiologist reporting research brain scans on behalf of GE Healthcare Limited. Remuneration to go to my university department not myself	April 2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Nigel Hoggard	Specialist committee member	Indirect	Expert reviewer of study new contrast agent imaging for GE Healthcare. The study is on a new intravenous MR contrast agent, There is no CT component.  Remuneration goes to University of Sheffield.	16 Dec 2021	Dec 2021		<i>Declare and participate, Chair 2 February 2022</i>
Nigel Hoggard	Specialist committee member	Financial	Private Practice privileges at BMI Thornbury hospital	01/03/2010	Dec 2021		
Nigel Hoggard	Specialist committee member	Non-financial personal and professional interests	Professor of Neuroradiology, University of Sheffield	01/01/2018	Dec 2021		
Grant Mair <b>Updated wording June 2023</b>	Specialist committee member	Non-financial personal and professional interests	Chief Investigator for the RiTeS (Real-world Independent Testing of e-ASPECTS Software) study to assess AI software (from Brainomix Ltd.) used for CT assessment in stroke. RiTeS was commissioned and is principally funded by the Stroke Association (10% contribution from the MRC). All funding direct to University. RiTeS was planned and is conducted independent of and with no funding from Brainomix. RiTeS compared e-ASPECTS and e-	2017	April 2021, updated June 2023	Funding ended Dec 2020 but project ongoing	<i>Published papers reviewed August 2023 by Chair &amp; AD. Declare and attend part 1 only.</i>

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			CTA results with expert human interpretation of the same CT imaging (two papers now published) and will assess users' opinions (this third component likely in late 2023).				
Grant Mair	Specialist committee member	Financial	Consultancy fees from Canon Medical Research Europe (Ltd), to provide expert assessment of CT brain scans of patients with stroke. These data are intended for future development of artificial intelligence software (similar to those under consideration by the committee). All intellectual property relating to this project will remain with Canon, i.e. I have no financial gain beyond the initial consultancy fees.	March 2021	April 2021	May 2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Non-financial personal and professional interests	Supervised MSc student project to systematically review the evidence for AI software used to assess CT in stroke.	Oct 2018	April 2021	Apr 2020	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Non-financial personal and professional interests	Invited by the Royal College of Radiologists (RCR) to write an opinion piece on AI in radiology for their newsletter.	Dec 2020	April 2021	Mar 2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Non-financial personal and professional interests	Invited speaker at the 2021 European Stroke Organisation Conference. Topic will be evidence base for AI software in the diagnosis and acute treatment of stroke.	Dec 2020	April 2021	Sep 2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Non-financial personal and	Leading a RITeS Collaboration research funding proposal submitted following invitation	Feb 2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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		professional interests	from the Scottish Thrombectomy Advisory Group. The proposed research would provide independent comparative testing of up to 5 potential AI software packages designed for use with acute stroke imaging. Research would be funded by the Scottish Government direct to University. Outcome currently uncertain.				
Grant Mair	Specialist committee member	Non-financial personal and professional interests	Named collaborator on an NIHR grant application to clinically evaluate the implementation of StrokeViewer AI software (NICO.LAB) in our local NHS department. Research would be conducted independent of NICO.LAB. Funding would be direct to University. Outcome currently uncertain.	March 2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Non-financial personal and professional interests	Involved in early steering group discussions to form a new AI panel for the British Society of Neuroradiologists.	April 2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Grant Mair	Specialist committee member	Indirect	Invited by the RCR to co-host a mini webinar series exploring AI software for stroke radiology. The final of three sessions will include demonstrations from companies with commercially available software. The RCR will seek funding from these companies to ensure clinical participants can attend for free. My involvement with the event is non-financial.	Jan 2021	April 2021	October 2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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Kiruba Nagaratnam <b>Updated June 2023</b>	Specialist committee member	Financial	I have presented posters evaluating the performance of Brainomix (e-Stroke) and oral presentations on the clinical applications of e-Stroke at conferences	Dec 2022	June 2023		<i>Not able to continue to participate in the assessment as a specialist committee member, Chair and AD, July 2023</i>
Kiruba Nagaratnam	Specialist committee member	Financial	I have received consultation and speaker fees from Brainomix.	Dec 2022	June 2023		<i>Not able to participate in the assessment, Chair and AD, July 2023</i>
Kiruba Nagaratnam	Specialist committee member	Financial	Undertaking private practice in Circle Health, Reading	2019	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Kiruba Nagaratnam	Specialist committee member	Financial	Speaker fees and educational grants from Boehringer Ingelheim	2018	April 2021	2020	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Jonathan Shapey <b>Confirmed no updates 30062023</b>	Specialist committee member	Financial	Co-Founder and Clinical Advisor to Hypervision Surgical Ltd	09/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Jonathan Shapey	Specialist committee member	Non-financial professional and personal interests	Senior Clinical Lecturer, King's College London	09/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Jonathan Shapey	Specialist committee member	Non-financial professional and personal interests	Opinion/News article highlighting the value of artificial intelligence in the management of neurosurgery patients ( <a href="https://doi.org/10.1016/j.wneu.2021.03.010">https://doi.org/10.1016/j.wneu.2021.03.010</a> )	05/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Jonathan Shapey	Specialist committee member	Non-financial professional and personal interests	King's MedTech Hub Board member	01/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Jonathan Shapey	Specialist committee member	Indirect	KHP Board of Surgery Committee Member	04/2021	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>



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Jonathan Shapey	Specialist committee member	Indirect	King's College London (Employer benefitting from associated research grants)	09/2020	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
Li Su <b>Updated June 2023</b>	Specialist committee member	Financial	I have been invited to join the panel for AI for Health by UKRI ( <a href="https://www.ukri.org/opportunity/artificial-intelligence-innovation-to-accelerate-health-research/">https://www.ukri.org/opportunity/artificial-intelligence-innovation-to-accelerate-health-research/</a> )  Although I haven't yet received the payment but I believe that there will be a small compensation paid to me.	April 2023	June 2023	Ongoing	<i>Declare and participate, Chair and AD. August 2023</i>
Li Su	Specialist committee member	Non-financial professional and personal interest	Member of Alzheimer's Society Research Strategy Council	21 May 2021	Dec 2021	Ongoing	<i>Declare and participate, Chair and AD, 22 Dec 2021</i>
David Werring  <i>June 2023 – Out of office message received when checking interests due to sabbatical.</i>	Specialist committee member	Financial	Non-specific, personal financial. Honoraria (speaking) from Bayer 2016-2021 (talks and debates on anticoagulants and intracerebral haemorrhage, which were educational, and did not directly promote the use of any specific therapy)	2016	April 2021	2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
David Werring	Specialist committee member	Non-financial professional and personal interest	Honorary secretary, British Association of Stroke Physicians. This is an unremunerated role and to my knowledge could not reasonably be interpreted as affecting my objective interpretation of the evidence.	2019	April 2021	2021	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>
David Werring	Specialist committee member	Non-financial professional and personal interest	Chair, Stroke Advisory Group, Association of British Neurologists. This is an unremunerated role and to my knowledge could not reasonably	2018	April 2021	Ongoing	<i>Reviewed at time of application, Chair &amp; AD. Declare and participate</i>

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			be interpreted as affecting my objective interpretation of the evidence.				
Robert Simister	Expert	Non-financial professional and personal interest	I was involved at the application stage of the successful Brainomix application to NHSX and have been involved in the subsequent evaluation led by the Oxford AHSP. I have attended a community of practice meeting for Brainomix (end 2022) and my Trust uses the Brainomix platform	2019	Aug 2023	Ongoing	<i>Reviewed in August 2023. To attend part 1 only.</i>
Kausik Chatterjee	Expert	Non-financial professional and personal interest	I am currently reviewing the performance of Brainomix with RAPID AI for brainscan report for NHS digital.	1 Jan 2023	Aug 2023	Ongoing	<i>Reviewed in August 2023. To attend part 1 only.</i>
Martin James	Expert	Non-financial professional and personal interest	Chair of the Guidelines Development Group of the Intercollegiate Stroke Working Party, responsible for the publication of the National Clinical Guideline for Stroke for the UK and Ireland 2023 <a href="http://www.strokeguideline.org">www.strokeguideline.org</a> .	2019	Aug 2023	Ongoing	<i>Reviewed in August 2023. To attend part 1 only.</i>
Martin James	Expert	Non-financial professional and personal interest	Clinical Trustee, Stroke Association (the UK national charity for people and families affected by stroke) – which has a strong and visible public policy position on the rapid implementation of mechanical thrombectomy for acute ischaemic stroke	2014	Aug 2023	Ongoing	<i>Reviewed in August 2023. To attend part 1 only</i>
Martin James	Expert	Indirect	As the Clinical Lead for the SW Peninsula Integrated Stroke	Summer 2019	Aug 2023	Feb 2023	<i>Reviewed in August 2023. To attend part 1 only</i>

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			Delivery Network between 2019 and 2023, I was responsible, with others, for the implementation of the NHSX AI Lab-funded initiative which provided three years of subsidized use of the Brainomix e-Stroke product to acute hospitals in the SW Peninsula.				