



## Register of declared interests – Topic-specific

### SHTG Recommendation: Volatile Capture Technologies

Name	Date of declaration	Project element	Specific Personal Financial	Specific Personal non-financial	Specific non-personal non-financial	Specific non-personal non-financial	Non-specific Personal Financial	Non-specific Personal Non-financial	Non-specific non-personal financial	Non-specific non-personal non-financial	Any other interest of relevance?
Alifia Chakera (Head of Pharmaceutical Sustainability, Scottish Government)	22/01/2024	Peer Review	None	None	None	<b>Name of Company/Org:</b> Scottish Government <b>Nature of Interest:</b> Considering value of VCT wrt to sustainability <b>Date:</b> Ongoing  <b>Name of Company/Org:</b> NHS Lothian <b>Nature of Interest:</b> Introduced	None	None	None	None	None

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Ben Lukins (Programme Manager, National Green Theatres Programme, Centre for Sustainable Delivery, NHS Golden Jubilee)	24/01/2024	Peer Review	None	None	None	None	None	None	None	None	None
Dr Andrew Goddard (Consultant Anaesthetist, NHS Lothian)	26/01/2024	Peer Review	None	<b>Name of Company/Org:</b> SageTech Medical <b>Nature of Interest:</b> Free evaluation period VCT product use, publishing work <b>Date:</b> Ongoing	None	<b>Name of Company/Org:</b> SageTech Medical <b>Nature of Interest:</b> Department free evaluation period VCT product use, publishing work <b>Date:</b> Ongoing	None	None	None	None	None

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				<b>Name of Company/Org:</b> Baxter ZeoSys <b>Nature of Interest:</b> Free evaluation period VCT product use, publishing work <b>Date interest ceased:</b> 31/12/2023		<b>Name of Company/Org:</b> Baxter ZeoSys <b>Nature of Interest:</b> Department free evaluation period VCT product use, publishing work <b>Date interest ceased:</b> 31/12/2023					
Dr Andrew Marchant  (Consultant Anaesthetist, NHS Lothian)	22/01/2024	Peer Review	None	None	None	<b>Name of Company/Org:</b> NHS Lothian <b>Nature of Interest:</b> My department is trialing one of the volatile capture technologies (I think it's a Drager system) – I have no involvement with this other than as a user. <b>Date interest ceased:</b> N/A	None	None	None	None	<b>Name of Company/Org:</b> NHS Lothian <b>Nature of Interest:</b> I use anaesthetic agents as part of my job, and choose between volatile and intravenous techniques according to each

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											patient's individual needs. <b>Date interest ceased:</b> Ongoing
Dr Clifford Leigh Shelton  (Consultant and Senior Clinical Lecturer, Manchester University NHS Foundation Trust and Lancaster University)	17/01/2024	Peer Review	None	None	None	<b>Name of Company/Org:</b> Manchester University NHS Foundation Trust <b>Nature of Interest:</b> Involved in a project to investigate the utility of volatile capture technology. This was funded by Manchester Foundation Trust Sustainability Department (i.e., my employer)	None	None	None	<b>Name of Company/Org:</b> Anaesthesia (journal) <b>Nature of Interest:</b> I guest-edited a special supplement of the journal on sustainability. <b>Date interest ceased:</b> 10/01/2024 <b>Name of Company/Org:</b> Lancaster University / Manchester University NHS Foundation Trust	None



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			<p>volatile capture technology  <b>Date interest ceased:</b> August 2023</p> <p><b>Name of Company/Org:</b>  Newcastle Upon Tyne Hospitals, Centre for Sustainable Healthcare &amp; Association of Anaesthetists</p> <p><b>Nature of Interest:</b> In this fellowship, published Efficiency of inhaled anaesthetic recapture in clinical practice. Comment on Br J Anaesth 2022; 129: e79–81. British Journal of Anaesthesia</p>			<p>volatile capture technology  <b>Date interest ceased:</b> August 2023</p> <p><b>Name of Company/Org:</b>  Newcastle Upon Tyne Hospitals, Centre for Sustainable Healthcare &amp; Association of Anaesthetists</p> <p><b>Nature of Interest:</b> In this fellowship, published Efficiency of inhaled anaesthetic recapture in clinical practice. Comment on Br J Anaesth 2022; 129: e79–81. British Journal of Anaesthesia</p>					
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				<p>2023; 130: e464–5.  <b>Date interest ceased:</b>  Published 2023</p> <p><b>Name of Company/Org:</b>  Northern School of Anesthesia</p> <p><b>Nature of Interest:</b>  Published in Anaesthesia, volatile capture technology in sustainable anaesthetic practice: a narrative review</p> <p><b>Date:</b> Released via ePublication. Due for wider release March 2023.</p> <p><b>Name of Company/Org:</b></p>		<p>2023; 130: e464–5.  <b>Date interest ceased:</b>  Published 2023</p> <p><b>Name of Company/Org:</b>  Northern School of Anesthesia</p> <p><b>Nature of Interest:</b>  Published in Anaesthesia, volatile capture technology in sustainable anaesthetic practice: a narrative review</p> <p><b>Date:</b> Released via ePublication. Due for wider release March 2023.</p> <p><b>Name of Company/Org:</b></p>					
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			<p>Working Group on Sustainability in Anesthesiology of the German Society of Anaesthesiology and Intensive Care Medicine</p> <p><b>Nature of Interest:</b> Asked to present insights into volatile capture technology</p> <p><b>Date:</b> Due to present February 2024.</p> <p><b>Name of Company/Org:</b> Pan London trainee sustainability committee</p> <p><b>Nature of Interest:</b> Presented up to date evidence on volatile</p>			<p>Working Group on Sustainability in Anesthesiology of the German Society of Anaesthesiology and Intensive Care Medicine</p> <p><b>Nature of Interest:</b> Asked to present insights into volatile capture technology</p> <p><b>Date:</b> Due to present February 2024.</p> <p><b>Name of Company/Org:</b> Pan London trainee sustainability committee</p> <p><b>Nature of Interest:</b> Presented up to date evidence on volatile</p>					
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				capture technology <b>Date interest ceased:</b> December 2023  <b>Name of Company/Org:</b> RCoA updates <b>Nature of Interest:</b> Delivered an update on volatile capture technology <b>Date interest ceased:</b> 2022		capture technology <b>Date interest ceased:</b> December 2023  <b>Name of Company/Org:</b> RCoA updates <b>Nature of Interest:</b> Delivered an update on volatile capture technology <b>Date interest ceased:</b> 2022					
Dr Kenneth Barker  (Consultant Anaesthetist, NHS Highland)	23/01/2024	Peer Review	None	<b>Name of Company/Org:</b> National Green Theatres Programme <b>Nature of Interest:</b> Clinical Lead Feb 2023 <b>Date:</b> Ongoing	None	None	None	None	None	None	None
Dr Mary Slingo  (Consultant Anaesthetist &	19/01/2024	Peer Review	None	<b>Name of Company/Org:</b> Royal College of Anaesthetists	None	None	None	None	None	None	<b>Nature of Interest:</b> Close collaborator with my

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MRC CARP Fellow, University Hospital Southampton & University of Oxford)				<p><b>Nature of Interest:</b> Member of Sustainability Advisory Board since January 2023 <b>Date:</b> Ongoing</p> <p><b>Name of Company/Org:</b> Publications <b>Nature of Interest:</b> Publications in collaboration with my mother, Dame Julia Slingo FRS in both the BJA and Anaesthesia. <b>Date:</b> Ongoing</p> <p><b>Name of Company/Org:</b> Presentations <b>Nature of Interest:</b> Presentations to local and</p>							<p>mother, Dame Julia Slingo FRS former Chief Scientist of the UK Met Office. She was a member of the First Minister's Environment Council until 2023 (ceased due to family duties; collaboration with Prof. Sir Ian Boyd ongoing). She is a world-leading climate scientist and together we have given many</p>
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				<p>national meetings on the science published in collaboration with Dame Julia Slingo  <b>Date:</b> Ongoing</p>							<p>presentations over the past two years, and have had two publications (BJA 2021; Anaesthesia 2024) outlining the detailed climate science of anaesthetic gas emissions and correcting the rhetoric surrounding this. We collaborate closely with other leading climate scientists internationally.</p>

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Dr Paul Southall (Consultant Anaesthetist, RCoA Environmental Advisor)	17/01/2024	Peer Review	None	<b>Name of Company/Org:</b> Malue <b>Nature of Interest:</b> Advisory Board Member (Sustainability) <b>Date:</b> Ongoing	None	None	None	None	None	None	None
Dr Sarah Cross (Anaesthetic Consultant, NHS Lothian)	25/01/2024	Peer Review	None	<b>Name of Company/Org:</b> NHS Lothian <b>Nature of Interest:</b> Publishing data on this subject <b>Date:</b> Ongoing	None	None	None	None	None	None	<b>Name of Company/Org:</b> SageTech & Baxter <b>Nature of Interest:</b> Both have provided equipment for free pilot projects and data collection on our site

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Liam Mulholland (Head of Business Development, SageTech Medical)	29/01/2024	Peer Review	<b>Name of Company/Org:</b> SageTech Medical <b>Nature of Interest:</b> Financial <b>Date:</b> Ongoing	None	<b>Name of Company/Org:</b> SageTech Medical <b>Nature of Interest:</b> Salary <b>Date:</b> Ongoing	None	None	None	None	None	None
Prof. Marc Desmulliez (Manager of the Medical Device Manufacturing Centre (MDMC) & Academic Professor @ Heriot – Watt University)	18/01/2024	Peer Review	None	<b>Name of Company/Org:</b> NHS Scotland Centre for Sustainable Delivery (CfSD) <b>Nature of Interest:</b> Board member of the National Green Theatre Programme (NGTP) <b>Date:</b> Ongoing	None	None	<b>Name of Company/Org:</b> Birthing Solutions Limited <b>Nature of Interest:</b> CEO – Holding of Shares <b>Date:</b> Ongoing  <b>Name of Company/Org:</b> Microsense Technologies Limited <b>Nature of Interest:</b> CEO – Holding of Shares <b>Date:</b> Ongoing	None	<b>Name of Company/Org:</b> Institute of Physics <b>Nature of Interest:</b> Fellowship <b>Date:</b> Ongoing  <b>Name of Company/Org:</b> Institute of Engineering and Technology <b>Nature of Interest:</b> Fellowship <b>Date:</b> Ongoing  <b>Name of Company/Org:</b>	None	None

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							<p><b>Name of Company/Org:</b> Heriot- Watt University <b>Nature of Interest:</b> Salary <b>Date:</b> Ongoing</p>		<p>Royal Society of Edinburgh <b>Nature of Interest:</b> Fellowship <b>Date:</b> Ongoing</p> <p><b>Name of Company/Org:</b> Medical Device Manufacturing Centre <b>Nature of Interest:</b> Funding by Scottish Enterprise (£3.35M) <b>Date:</b> Ongoing</p> <p><b>Name of Company/Org:</b> UKRI - EPSRC <b>Nature of Interest:</b> Funding regarding Place-Based Impact Accelerating</p>		
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