

### Experts Interests Register

#### Topic: Hybrid closed loop systems for managing blood glucose levels in type 1 diabetes (Multiple Technology Appraisal)

| Name             | Role with NICE  | Type of interest                                  | Description of interest                                                                                                                                                                                    | Interest arose | Interest declared | Interest ceased |
|------------------|-----------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|
| Nicola Birchmore | Clinical expert | None                                              | -                                                                                                                                                                                                          | -              | -                 | -               |
| Julie Brake      | Clinical expert | Financial                                         | 1 x paid education session for hypoglycaemia for local diabetes team.                                                                                                                                      |                | July 2022         |                 |
| Alison Finney    | Patient expert  | Non-financial professional and personal interests | Member of Diabetes UK and advocate for improvements in diabetes care – speaking with other people with diabetes online about care options they have available to them and how to get the most out of them. | June 2007      | 2021              |                 |
| Jeff Foot        | Patient expert  | Non-financial professional and personal interests | Lay member of Scottish Diabetes Technology and Innovation Advisory Group                                                                                                                                   | 2019           | 2021              |                 |
| Jeff Foot        | Patient expert  | Non-financial professional and personal interests | Lay member of Scottish Diabetes Education Advisory Group                                                                                                                                                   | 2016           | 2021              |                 |
| Jeff Foot        | Patient expert  | Non-financial professional and personal interests | Member of Advisory Council of Diabetes Scotland                                                                                                                                                            | 2019           | 2021              |                 |
| Jeff Foot        | Patient expert  | Non-financial professional and personal interests | Patient representative on NHS Highland MCN for Diabetes                                                                                                                                                    | 2016           | 2021              |                 |
| Peter Hindmarsh  | Clinical expert | Non-financial professional and personal interests | Member of MHRA Devices Expert Advisory Group                                                                                                                                                               | Nov 2019       | 2021              |                 |
| Sufyan Hussain   | Clinical expert |                                                   | Personal payment for 1-hour non-promotional educational activity for industry (Novo Nordisk) to teach on “Fasting during Ramadan and type 2 Diabetes”                                                      | 2020           | 2021              | 2020            |

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|----------------|-----------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|
| Sufyan Hussain | Clinical expert | Non-financial professional and personal interests | Member of Scientific Advisory Committee, Juvenile Diabetes Research Foundation UK (JDRF UK) – Healthcare professional member (unpaid role) providing advice to the committee on scientific and research matters. Not undertaking any direct activities for JDRF UK or advocacy. Nature of activities unrelated to the advisory topic.                                                                                                                                                                                                                                                                                                                             | May 2018       | 2021              | November 2022   |
| Sufyan Hussain | Clinical expert | Non-financial professional and personal interests | Member of Association of British Clinical Diabetologist's Diabetes Technology Network (ABCD DTN) - Healthcare professional member (unpaid role) providing healthcare professional guidance and education on clinical applications of diabetes technologies. Contributing to national audits on diabetes technologies. Nature of activities not involving advocacy. This may include unpaid educational activities for healthcare professionals on using technology                                                                                                                                                                                                | Nov 2018       |                   |                 |
| Sufyan Hussain | Clinical expert | Non-financial professional and personal interests | Supervisor for Medical Student BSc project and ongoing work "Review of evidence and real-world outcomes of automated insulin delivery systems". (unpaid role, potential for peer-reviewed publication, independent with no grant funding)                                                                                                                                                                                                                                                                                                                                                                                                                         | Feb 2021       | 2021              | Sept 2021       |
| Sufyan Hussain | Clinical expert | Non-financial professional and personal interests | NHS role as a diabetes consultant with specialist expertise in diabetes technologies at Guy's and St Thomas' NHS Foundation Trust, which is a regional/national centre of excellence in type 1 diabetes and diabetes technologies. The Trust has been confirmed as one of many sites for NHSE hybrid closed loop pilot for adults. As part of usual NHS role, I will provide usual clinical support for NHS patients on closed loops in my Trust/clinic (this may include NHS patients enrolled in the pilot), education for healthcare professionals and supervising clinical audits. I will not be undertaking any activities for NHSE and will not receive any | July 2021      |                   |                 |

| Name              | Role with NICE     | Type of interest                                  | Description of interest                                                                                                                                                                                                                                                                                                            | Interest arose | Interest declared | Interest ceased |
|-------------------|--------------------|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|
|                   |                    |                                                   | financial benefits from this other than my usual salary.                                                                                                                                                                                                                                                                           |                |                   |                 |
| Sufyan Hussain    | Clinical expert    | Non-financial professional and personal interests | Member, Board of Directors, International Diabetes Federation Europe                                                                                                                                                                                                                                                               |                | April 2023        |                 |
| Sufyan Hussain    | Clinical expert    | Non-financial professional and personal interests | UK Secretary of State for Transport's Honorary Medical Advisory Panel on driving and Diabetes Mellitus                                                                                                                                                                                                                             |                | April 2023        |                 |
| Fiona Regan       | Clinical expert    | None                                              | -                                                                                                                                                                                                                                                                                                                                  | -              | -                 | -               |
| Joanne Richardson | Patient expert     | None                                              | -                                                                                                                                                                                                                                                                                                                                  | -              | -                 | -               |
| Philip Weston     | Clinical expert    | Non-financial professional and personal interests | Visiting professor, Hope University, Liverpool                                                                                                                                                                                                                                                                                     | 2015           | 2021              |                 |
| Philip Weston     | Clinical expert    | Non-financial professional and personal interests | Honorary Senior Lecturer, Liverpool University                                                                                                                                                                                                                                                                                     | 2018           | 2021              |                 |
| Philip Weston     | Clinical expert    | Non-financial professional and personal interests | I lead the insulin team at the Royal Liverpool University Hospital that is one of the NHS England chosen sites for the hybrid closed loop audit programme.<br><br>There are no personal payments for this but people with diabetes that I provide care for will receive NHS England funded continuous glucose monitoring supplies. | July 2021      | 2021              |                 |
| Charlotte Knell   | NHS England expert | None                                              | -                                                                                                                                                                                                                                                                                                                                  | -              | -                 | -               |
| Partha Kar        | NHS England expert | Non-financial professional and personal interests | National Specialty Advisor, Diabetes with NHS England and co-lead of Diabetes GIRFT with NHS Improvement.                                                                                                                                                                                                                          | 2016           |                   |                 |
| Partha Kar        | NHS England expert | Non-financial professional and personal interests | Consultant in Diabetes & Endocrinology at Portsmouth Hospitals NHS Trust.                                                                                                                                                                                                                                                          | 2008           |                   |                 |

| Name       | Role with NICE     | Type of interest                                  | Description of interest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Interest arose | Interest declared | Interest ceased |
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| Partha Kar | NHS England expert | Non-financial professional and personal interests | Set up "T1D Rise of the Machines" a series of events across the UK between people with Diabetes, industry and NHS representatives                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2019           |                   |                 |
| Partha Kar | NHS England expert | Non-financial professional and personal interests | <p>Extensive publications in the area including a monthly blog for the BMJ, a personal blog ("Sugar and Spice: Wish all things were nice") and a podcast ("Sweet Talking"), TED talks from those with T1Diabetes, co-creator of Type 1 Diabetes comic (Volume 1 and 2).</p> <p>Recent publications (in the past year) include:<br/>           Characteristics and care of young people with type 2 diabetes included in the national diabetes audit datasets for England. Shivani Misra, Naomi Holman, Emma Barron, Peter Knighton, Justin Warner, Partha Kar, Bob Young, Jonathan Valabhji (August 2022)<br/>           Developing services to support the delivery of care to people with early-onset type 2 diabetes. Shivani Misra, David Gable, Kamlesh Khunti, Emma Barron, Bob Young, Partha Kar, Jonathan Valabhji (July 2022)</p> <p>Associations between reductions in routine care delivery and non-COVID-19-related mortality in people with diabetes in England during the COVID-19 pandemic: a population-based parallel cohort study. Jonathan Valabhji, Emma Barron, Tessa Gorton, Chirag Bakhai. Partha Kar et al (May 2022)</p> <p>Temporal trends in emergency admissions for diabetic ketoacidosis in people with diabetes in England before and during the COVID-19 pandemic: a population-based study. Shivani Misra, Emma Barron, Eszter Panna Vamos, Stephen Thomas, Ketan Dhatariya, Partha Kar et al (Sept 2021)</p> |                |                   |                 |

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|------|----------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------|-----------------|
|      |                |                  | Temporal Trends in Lower-Limb Major and Minor Amputation and Revascularization Procedures in People With Diabetes in England During the COVID-19 Pandemic. Jonathan Valabhji, Emma Barron; Eszter P. Vamos, Ketan Dhatariya, Frances Game; Partha Kar; Andy Weaver; Sophia Verma; Bob Young; Kamlesh Khunti (May 2021) |                |                   |                 |