



**Akram El Gabry**  
**Patient Lead**

## Background and Previous Work

Akram has a long and established career in IT and business transformation, and is also a long-term dialysis patient; having dialysed for over forty-two years most of that time as a home haemodialysis patient.

## Interest in MedTech Research

Akram has developed a keen interest in health aspects and self-independence in trying to manage his treatment; as a long-term CKD patient, he strongly believes in the importance of patient centric research & development, ensuring that research is focused on patient need and the long-term benefits of patients and sees the Med Tech Research Network as an exciting opportunity to ensure the patient voice is heard and drives change.

# UK Kidney MedTech Network Membership



**Ellen Castle**  
Brunel University, London

## Background and Previous Work

Ellen is a lecturer and post-doctoral research in Physiotherapy at Brunel University London. She has previously led renal-rehabilitation services and outpatient physiotherapy clinics for people with CKD.

## Interest in MedTech Research

Ellen has a keen interest in researching digital interventions to support people with their physical activity and well-being. She is actively involved in research studies involving the co-production and evaluation of digital behavioural change interventions.

# UK Kidney MedTech Network Membership



**David Keane**

University of Galway, Ireland

## Background and Previous Work

David trained in medical physics and worked for 15 years in the NHS as Clinical Scientist for the renal unit in Leeds. He now works for a medical device research centre in Galway, Ireland. His research and clinical work focusses on use of data and technology to improve patient care.

## Interest in MedTech Research

David's research has focussed on devices to help measure and manage fluid status in dialysis. Clinically, he has experience of regulation, development and management of medical devices. He also has an interest in making better use of routinely collected data.



**Jonathan Murray**  
South Tees Hospitals NHS  
Foundation Trust

## Background and Previous Work

Jonathan is a renal consultant in Middlesbrough and co-chair of the UK Kidney Association's Acute Kidney Injury Specialist Interest Group. He led a study which evaluated if it is feasible for patients to use hand-held devices to self-test their own kidney function at home.

## Interest in MedTech Research

Jonathan's interest in MedTech includes development of hand-held or wearable devices to enable remote monitoring of kidney function. This includes exploring barriers and enablers to use of MedTech by patients and staff in different care settings and pathways.



**Kirsty Frearson**  
Kidney Research UK

## Background and Previous Work

Kirsty was a mixed-methods research psychologist specialising in the implementation of mental health interventions. Her partner was diagnosed with CKD and has supported him through his dialysis and transplant journey. Kirsty now works at KRUK as the programme manager for Dialysis and MedTech, where she facilitates the charity's research and funding priorities.

## Interest in MedTech Research

Kirsty is interested in MedTech's potential to empower patients to self-monitor or self-manage their condition and making such devices accessible to all kidney patients. Kirsty is also interested in how MedTech research looks at how the tested technology is implemented to ensure findings are accurate.

# UK Kidney MedTech Network Membership



**Haresh Selvaskandan**

University Hospitals of Leicester NHS  
Trust

## Background and Previous Work

Haresh is a nephrology trainee in Leicester, and a KRUK clinical research fellow. His areas of interest are glomerular diseases, transcriptomics, digital spatial profiling, bioinformatics, and machine learning and artificial intelligence applications in medicine.

## Interest in MedTech Research

Haresh was co-investigator on a successful NHSx grant which investigated AI methods in predicting dialysis among in-patients with AKI. He is interested in exploring how wearable technology can be integrated with available health data to better predict health needs.

# UK Kidney MedTech Network Membership



**Caroline Dudreuilh**  
Guy' and St Thomas' NHS  
Foundation Trust

## Background and Previous Work

Caroline is a renal consultant at Guy's Hospital in London and has an interest in Immunology. She was involved in the NIHR Health Informatics Collaborative project and has developed an interest in AI and big data.

## Interest in MedTech Research

Caroline's interest in MedTech includes how to improve transplant outcomes using technology. She is interested in linking basic science and AI to improve patients' outcomes. She is interested in making MedTech innovation accessible to all patients.

# UK Kidney MedTech Network Membership



**Fiona Karet**  
**University of Cambridge**

## Background and Previous Work

Clinical academic with longstanding interest in inherited and tubular disorders; clinical lead of Cambridge Renal Genetic and Tubular Disorders service; recent development of 'point-of-care' electrolyte technology

## Interest in MedTech Research

Methods to widen the repertoire of remote analyses for patient empowerment and independence.  
I have a spinout and am keen to see others progressing along this path.

# UK Kidney MedTech Network Membership



**Anna Winterbottom**  
Leeds Teaching Hospitals Trust  
& University of Leeds

## Background and Previous Work

Anna is a health services researcher and visiting senior research fellow at University of Leeds. Her research includes understanding how people make decisions about treatment and care plans for chronic kidney disease, what factors enable services to support people with kidney disease, and their families, to be involved proactively in their care, developing and evaluating the integration of decision aid interventions on service delivery and patient outcomes.

## Interest in MedTech Research

Anna is interested in exploring innovative methods for integrating digital interventions into the consultation to support collaborative decision making and the use of patient reported outcome measures.

# UK Kidney MedTech Network Membership



**Chad Pardoe**  
North West Renal Trainee

## Background and Previous Work

Chad is a renal specialty registrar and clinical education fellow at Lancashire Teaching Hospitals. He has a longstanding interest in digital health and the wider world of technology. He has experience in health-technology research with qualitative methodologies.

## Interest in MedTech Research

Interfaces between health professionals, patients and health data; inter-specialty communication and referral pathways; primary-secondary care integration.

# UK Kidney MedTech Network Membership



**David Coyle**  
Devices for Dignity  
Representative

## Background and Previous Work

David is a kidney transplant recipient with over 30 years lived experience of kidney disease.

He is Patient Partnership Lead at NIHR Devices for Dignity, a Patient Co-applicant & PPI Lead on the BISTRO & Inter-CEPt studies and an Executive member of the NKF.

## Interest in MedTech Research

Technological innovation that improves independence and quality of life for people living with long term conditions.