



HYBRID CLOSED LOOP VIRTUAL EDUCATION DAY

LEARNING OBJECTIVES

Gain an understanding of the different HCL systems, understand how HCL is impacting patients QoL and health outcomes, learn to prioritise when interpreting downloads, consider the practicalities of rolling out HCL within your MDT, understand the psychological implications to support families using HCL

SESSION ONE

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| 10:00 | Welcome and Chairs Opening Remarks | Dr Fiona Campbell Anne-Marie Frohock |
| 10:05 | Understanding and Implementing the HCL Technology Appraisal - an MDT perspective - an ICB perspective | Dr Fulya Mehta Dr Fiona Campbell Hannah Beba (on video) |
| 10:45 | An introduction to the HCL Systems | Anne-Marie Frohock |

SESSION TWO

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| 11:05 | How to successfully onboard patients with HCL: The on-boarding journey, the stumbling blocks, nuggets of wisdom and available resources The story of three very different units ... | |
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THE GIANT!

Nottingham Children's Hospital

Remy Cresswell

THE MIDSIZE MARVEL!

Birmingham Children's Hospital

John Pemberton

THE COMPACT POWERHOUSE!

Southport and Ormskirk Hospital

Helen Day

11:45

COMFORT BREAK

15 mins

12:00

HCL on-boarding Q&A session

John Pemberton



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SESSION THREE

12:20

From those that really count: what does the availability of HCL mean to patients and families

Stephen Freya

12:45

LUNCH BREAK

45 mins

SESSION FOUR

13:30

Interpreting Hybrid closed-loop data: Practical advice and clinical cases

Julia Ware

14:15

**HCL Resources
Translated HCL resources from DigiBete
National resources from ACDC**

**Maddie Julian
Remy Cresswell**

SESSION FIVE

14:45

The role of technology in driving uncertainty distress: how HCL might impact on people differently

Kate Gething

15:15

The Psychological Impact of Technology

**Rose Stewart
(on video)**

SESSION SIX

15:30

Complete Panel Q&A session from questions collected throughout the day

CLOSE



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INTRODUCTION TO OUR SPEAKERS

DR FIONA CAMPBELL



Dr Fiona Campbell OBE is a Consultant in Children and Young People's Diabetes Care at Leeds Teaching Hospitals, Clinical Lead of the National CYP Diabetes Clinical Network and Clinical Lead for the National CYP Diabetes Quality Programme at RCPCH. Dr Campbell is a board member of Diabetes UK professional council. As head of the Leeds Children's Hospital Diabetes Team, she is also Clinical Lead for DigiBete, providing clinical guidance, oversight and support.

ANNE-MARIE FROHOCK

Anne Marie is the Lead Dietitian for Oxfordshire Children's Diabetes Service, based at the Oxford Universities Hospitals NHS Foundation Trust. In addition, as the Clinical Lead for NHSE CYP Diabetes Transformation in the SE Region and key member of the National CYP Network Access to Technology workstream team she is working to ensure equitable and broad access to diabetes technology for all children and young people living with Type 1 diabetes.



DR FULYA MEHTA

Fulya Mehta is the clinical lead for the national children and young adult diabetes programme at NHS England. She is a paediatrician working in a large diabetes unit at Alder Hey Children's Hospital in Liverpool, caring for over 500 children and young people with diabetes. The service is an early adopter of diabetes technologies with high rates of Insulin Pump and Continuous Glucose Monitoring use, including Hybrid Closed Loop systems. Her areas of interest include improving transition and young adult diabetes care and improving access to diabetes treatment technology.



Hannah Beba is a RPS approved Consultant Pharmacist working at Leeds Health and Care Partnership (part of West Yorkshire Health and Care Partnership). Hannah chair of the Diabetes Steering Group and Expert Reference Group for Cardio-Renal-Metabolic Medicine in Leeds. Further afield Hannah is co-chair for the council of healthcare professionals at Diabetes UK and sits on the committee for the primary care diabetes society. Hannah supports students on the University of Warwick MSc Programme. Hannah's appointment takes her into a primary care focused, integrated care role. Hannah believes that here there are fantastic opportunities for multidisciplinary teams to provide holistic, unparalleled care to people living with diabetes. Hannah is driven to tackle inequalities in care and looks to tackle this in her forward agenda.

HANNAH BEBA





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INTRODUCTION TO OUR SPEAKERS

REMY CRESSWELL



I have worked as a paediatric diabetes specialist nurse for nine years, within the Nottingham Children's Hospital. I am proud to work as part of a large team that prides itself on providing the highest quality of care and supports this by offering the latest technologies to all those who want it. I enjoy educating and I find the 'small wins' hugely rewarding; whether that be to provide continuous glucose monitoring systems to young people who may otherwise not check glucose levels or insulin pumps to families who initially felt the technology would be too much for them and see them returning pleased with their management.

JOHN PEMBERTON

I am a diabetes dietitian working in Birmingham. My mission revolves around empowering children dealing with diabetes to take charge of their own health journey. I specialise in leveraging cutting-edge technologies like Continuous Glucose Monitoring (CGM), Artificial Insulin Delivery (AID), and coding to reintroduce the core tenets of a balanced lifestyle through innovative education programs.



HELEN DAY

I work on the Southport and Ormskirk Paediatric Diabetes team. I have been a PDSN now for 6 years but prior to this my background was in Paediatric Community Nursing. I have an avid interest in diabetes technology and the advances it is making with patient care. My passion within my role is patient education. Currently we are improving the delivery of structured education and incorporating peer support and psychology within this.

STEPHEN

I'm Stephen, married to Hannah. We have with 2 children, Honor (15) and her older brother – now 17. Honor was diagnosed at 18 months, there is no history in Type 1 in the family so we learned fast. The first 2 years we used injections before moving onto an insulin pump. Over the years we have had 3 non-close loop pumps, the most recent being a Roche Accu-chek Combo. In Feb this year we moved on to a Tandem t-slim HCL system using a Dexcom G6 CGM. Honor now looks after her own levels and generally manages them very well. She leads a full and active school life and is involved in a number of extra-curricular activities.

AWAITING

FREYA



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JULIA WARE

Julia Ware is a clinical research fellow with the Artificial Pancreas Group under Prof Hovorka at the University of Cambridge, and paediatric registrar at Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust. Dr Ware's current PhD research focuses on the impact of closed-loop technology on glycaemic control and quality of life in children and young people with type 1 diabetes. Her special interest is in very young children with type 1 diabetes, and investigating how optimising new technologies might ease diabetes burden and improve outcomes in this vulnerable population.



Maddie Julian (MA, PGCE) is CEO the Co-Founder of DigiBete, the centrally commissioned NHS CYA diabetes digital Platform and App supporting young people and their families to better manage their diabetes through much needed free support, awareness, education and training. A teacher by profession, Maddie has extensive experience working with young people from diverse backgrounds and learning needs. Maddie is an NIA Fellow and has also supported the developments of HCP training platforms.

MADDIE JULIAN

KATE GETHING

I am a clinical psychologist who completed my doctoral training at the University of East London and have worked across CAMHS/ CYPS and paediatric settings for the last 16 years- with 13 years into paediatric diabetes care. For the last decade I have worked into the Great North Children's Hospital in Newcastle and am the lead clinical psychologist into the North East and North Cumbria paediatric Network.

My particular clinical interest are the ways in which living with diabetes complicates the adolescent process and most recently with the progress in Hybrid Closed Loop technology how additional data and information as part of these systems impacts on well being in young people and their families.



I'm a Diabetes Psychologist working in North Wales with a number of additional Diabetes Psychology leadership roles in Wales and the wider UK. I'm really passionate about embedding psychological thinking throughout the diabetes care and research system to drive forwards improvements in care and quality of life for people living with diabetes

ROSE STEWART