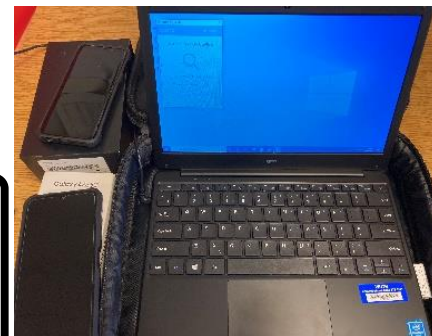


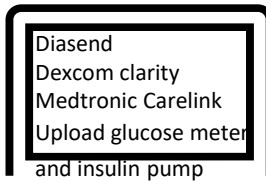
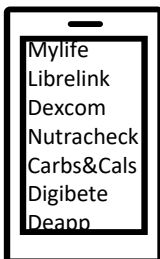
Laptops and mobile phones for children and young people with type 1 diabetes

Aim – Reduce inequalities by allowing all families access to the same technology, education and support regardless of their socioeconomic background



Laptops and mobile phones are now required for most of our diabetes management and education

- almost 50% of our families are in the most deprived quintile (NPDA)
- Many of our families don't have laptop/PC and don't have a spare mobile phone



HbA1c and Time in Range before and most recent

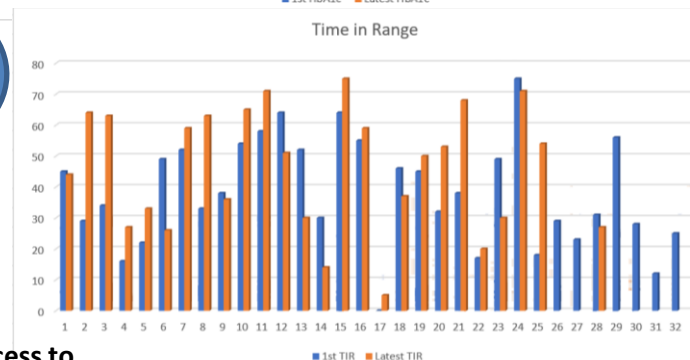
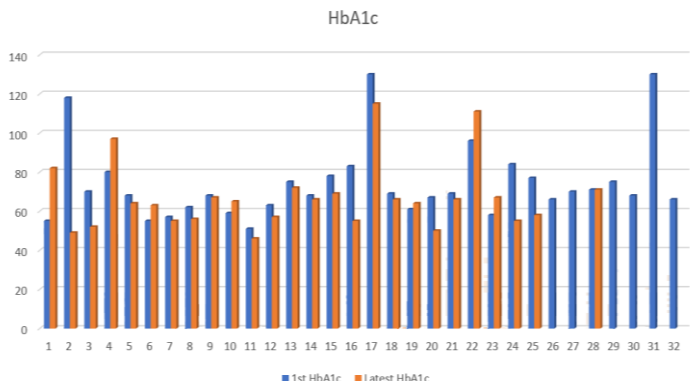
Family feedback about the project

How did you feel about this?

Supported
Relieved
Happy
Embarrassed
Grateful
Appreciated it very much

Advantages?

Vital difference to his treatment
Independence
Reassurance/peace of mind
Communication with hospital
Better diabetes control
help money worries



Project Timeline

Jan 2021

Submitted bid for NWCCN Diabetes Health Inequalities improvement fund

Mar 2021

Bid successful
Completed paperwork and project lead call

May/ Jun 2021

IT/ procurement
Information governance
Team QI day-develop criteria/
contract
Blackpool-support

Jul 2021

Ordered laptops/
mobiles - ongoing
Started issuing/
auditing - ongoing
Quarterly reports/
meetings – ongoing

Nov 2022

Pump/CGM project
funding secured
Increase need for
phones/laptops to
support the increase in
sensor/ pump usage

Bright Spots

- All of our families have access to the same technology regardless of socioeconomic group
- Start on technology very quickly after diagnosis
- So far this project has provided
 - 16 Geo Laptops
 - 15 Samsung galaxy A22 phones
 - 9 Samsung galaxy S9 phones
- 98 % of our children/young people are now using mylife app or insulin pump (requiring mobile phones or laptops)

Case studies:

Patient 1 – Medtronic pump and unable to download in clinic - initially great improvement once we could see data and support

Patient 2 - High deprivation, mum has poorly controlled type 1 diabetes, downloaded expert meter very regularly (often weekly) and then progressed to mylife app, now hybrid closed loop
- we had to provide laptop and mobile phone
- excellent engagement with team
- mums diabetes management and engagement with her own team has also improved

Next Steps:

Apply to trust/charity for ongoing funding to continue initiative