

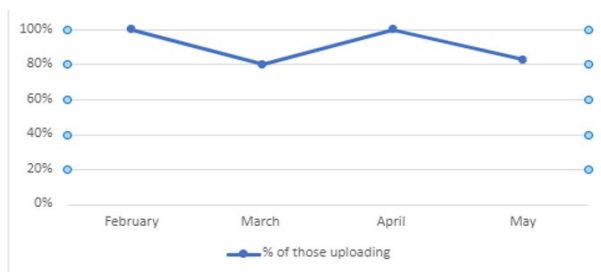
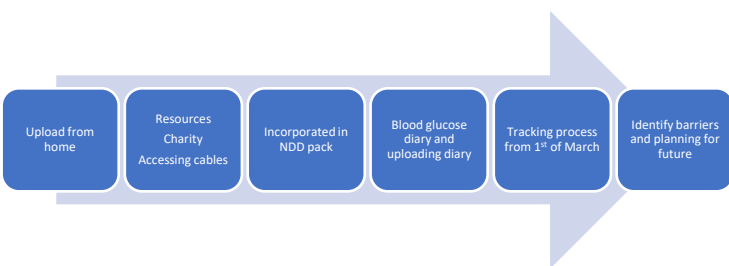
Paediatric Diabetes Specialist Nurses: Anita Newstead, Diane Harvey-Coggans, Lynne Ellis, Tricia Rogan. **Paediatric diabetes nurses:** Alina Ghafar, Joy Gancheva. **Paediatric diabetes dietitians:** Sinead Quirke, Charlotte Yarnton. **Consultants:** Dr Banerjee, Dr Keane, Dr Kumarasamy, Specialist Registrar Dr Al-Ani. **Diabetes Psychologist:** Miriam Green-Armytage. **Team Administrator:** Andrea Donald.



Purpose: Reduce mean HbA1c to 58mmol/L in 1 year post diagnosis for all NDD

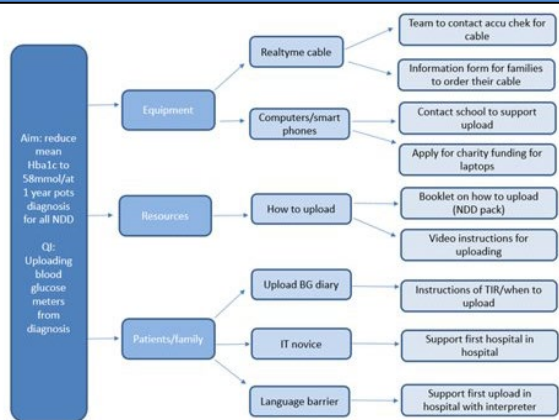
Our improvement journey – the steps we took

Outcome Data



Driver diagram

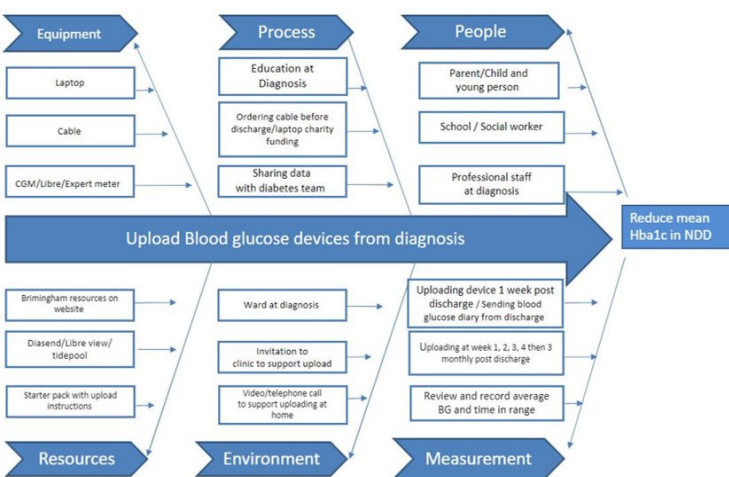
Qualitative Feedback from families/colleagues



"Easier to communicate with the diabetes team"
"The meter connects easily to my laptop via the infrared adaptor/reader and data only takes a few minutes to upload"
"Results and trends are visible so aids communication with the diabetes team"
"Instant up-to-date communication between home and hospital facilitating quicker adjustments to care"
"I think it's a great process that really makes me feel well supported by the diabetic team. The team always gets back to me promptly once BG data has been uploaded and notification email sent"

Fishbone Analysis

Bright spots



- Families arrange virtual meetings to arrange review of levels
- Parents looking for patterns and suggesting changes to insulin regime
- New uploading pack can be used by existing patients to support upload
- New norm to upload data and to contact team if they notice BGL patterns/concerns

Our interventions

Further actions

- How to upload the meter booklet, added to the newly diagnosed diabetes pack
- Supporting families to upload if computer illiterate by arranging appointments or uploading prior to discharge
- Approaching schools to support uploading if the family do not own a computer
- Approaching charities to fund laptops for those without
- Information on setting up and using Libre 2

- Interpreting data pathway: two sessions to go through the data and rationale to make changes (existing and NDD)
- Home testing kits to measure HbA1c
- "Drop in" device upload clinics
- Starting libre 2 sensor from diagnosis:
 - To reduce parental anxiety and reduce night time testing
 - Parents/CYP can see 24 hour data giving better insight into glucose levels
 - Providing team with an estimation of HbA1c