

# HUTH

## Paediatric Diabetes Team Quality Improvement Project 2020 - 2021

Team members:  
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**Aim: To reduce the median HbA1c of our cohort by improving self management skills of Children and Young People**

**Objectives:**

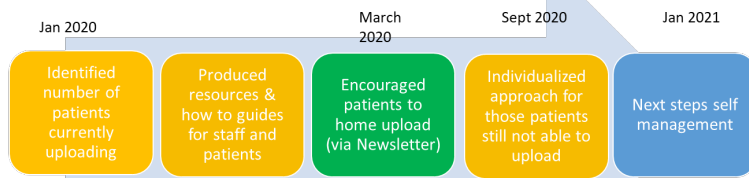
**All patients to home upload their devices**

**All patients to review data and adjust management**

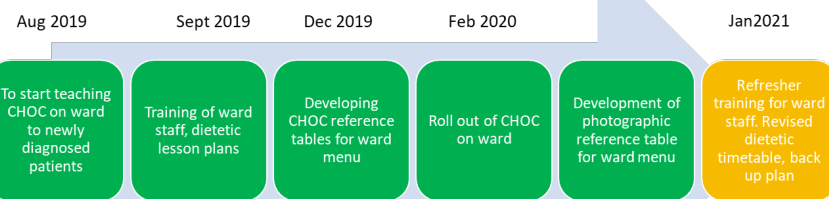
**All newly diagnosed patients to start carbohydrate counting (CHOC) from diagnosis**

### Improvement Journey

Patients uploading at home



Teaching CHOC on diagnosis



### Feedback

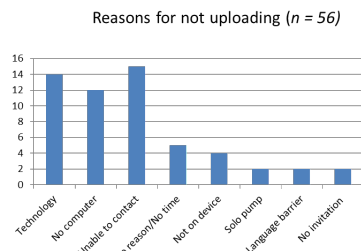
#### PREM report

95% of patients and their parents would recommend the clinic to friends and family

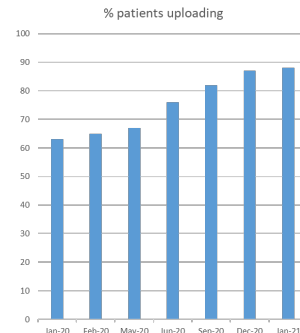
Positive feedback form nursing staff on ward on carbohydrate counted picture menu

Clinic Median HbA1c (Jan 2021) 65 mmol/mol  
[Jan 2020 median 66]

### Outcome Data



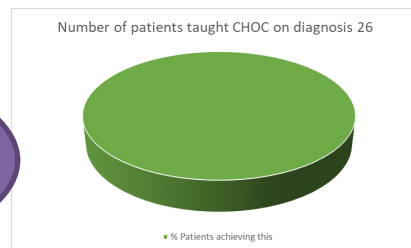
**Sept 2020 data** : Main reason for not uploading 'access to technology'



**Jan 2021 data** : 88% of patients now have ability to home upload

### Time in Range

41% patients on Libre and Dexcom >60% TIR



**Feb 2020- Feb 2021:** 100% of new patients taught CHOC on diagnosis

### Bright Spots

- Team WhatsApp Group
- Digibete access 73 patients
- 105 postal HbA1cs sent out
- Dietetic video clinics - 184 Individual dietetic appointments
- Team focus on technology and outcomes

### Further Actions

- Implement coaching sessions to empower patients to interpret data and adjust doses
- Produce resources for patients to help with dose adjustment
- Regular refresher CHOC sessions for staff
- Video for teaching patients CHOC