

Download from Diagnosis

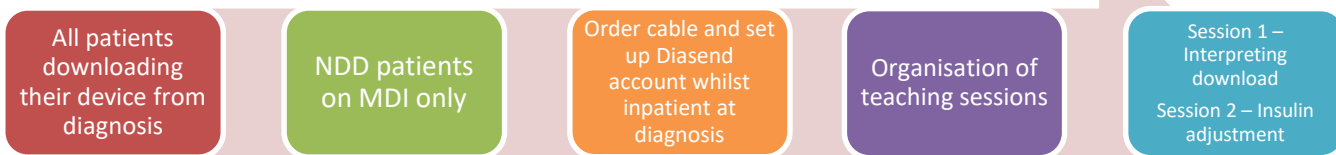
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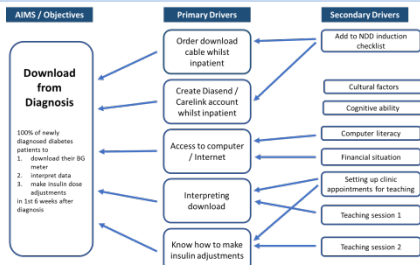
Purpose:

- To equip all newly diagnosed diabetes (NDD) patients and their families to download their blood glucose meter at home, from diagnosis
- To empower them to interpret the download
- To empower them to adjust their insulin requirements

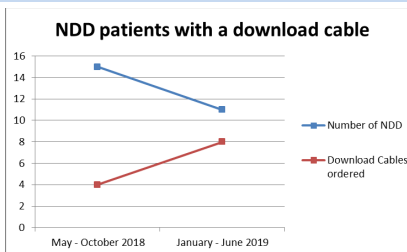
Our Quality Improvement journey so far



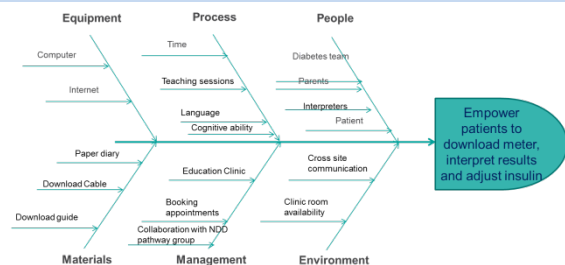
Driver Diagram



Outcome Data



Fishbone Analysis



Qualitative Feedback from Families/Colleagues

- Consultant colleague: 'Patient was able to identify trends in download in clinic after attending teaching sessions'
- PDSN: "I was able to deliver both sessions to patient and dad. Patient was very good at recognising what insulin needed to be increased"
- Asked for copy of teaching material by colleague from other diabetes unit participating in QI project

Our Interventions

- Ordering cables and set account up whilst inpatient
- Developed structured education sessions
- Set up nurse clinic for delivering teaching sessions
- Collaborated with ND pathway group and patient experience group
- Data collection re number of newly diagnosed with a download cable, HbA1c and TDD of insulin

Bright Spots

- Positive short term results
- Pioneered in one site, being replicated in other sites
- Praised for being first diabetes unit in QI project to develop structured education material to interpret downloads and adjust insulin

Further Actions

- Collect more data re outcome (HbA1c, TDD insulin)
- Collect feedback from patients and families (with help of user engagement group)
- Roll out project to NDD patients started on pump
- Roll out project to existing T1D patients

Low levels upon waking and in the night

