

To Improve the Process of Identifying and Management of Prediabetic Patients at Whinpark Medical Practice

Background

The current processes to both identify and manage prediabetic patients are lacking or inconsistent in Primary Care. Therefore implementing early intervention with this cohort of patients, such as monitoring blood sugar levels and providing intensive lifestyle management to prevent the progression into Type 2 Diabetes, is challenging.

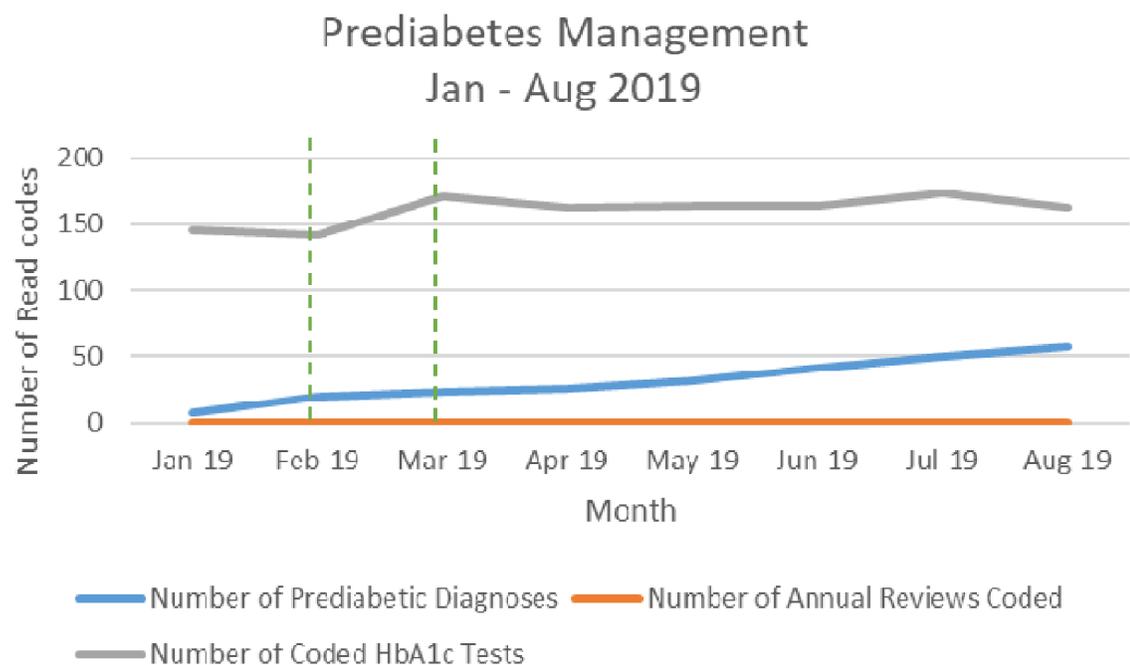
A standard clinical guidance and IT report within GP systems in Lothian will improve accuracy, consistency and efficiency.

Aim

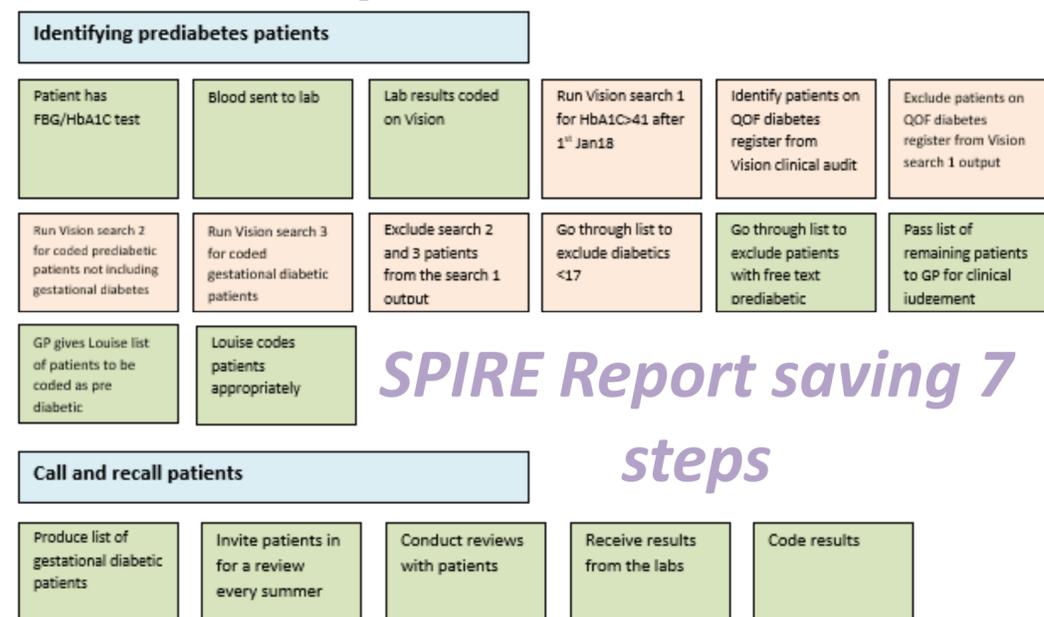
100% of prediabetic patients registered at Whinpark Medical practice will be Read coded with a prediabetic diagnosis code. These patients will be put on the annual call and recall process by June 2020.

Measurement of Improvement

↑	Data quality
↑	Number of correctly coded prediabetic patients
↑	Number of coded annual reviews completed (Review code not being used currently)
↑	Patient response to recall invites
↓	Reduce processing time (currently 30 minutes per month)



Process Map



Tools

- Process Map
- MS Excel
- Run Chart
- Conversation with practice
- PDSA

Tests of change

- Creation of SPIRE Prediabetic Report
- Communication methods - text messages, prescription notes, leaflet and GP IT system pop up
- Engage with local pharmacists

Effects of change

- Improve clinical management of prediabetic patients leading to better outcomes
- Reduce Type 2 Diabetes through early intervention
- Rolling out to Cluster, Lothian and across Scotland (!!)

Lessons learned and message for others

- Involve service users and practice staff at an early stage
- Build a strong support network and make use of expertise from: Scottish Government, Lothian MCN for Diabetes, ISD SPIRE team and Practice staff