



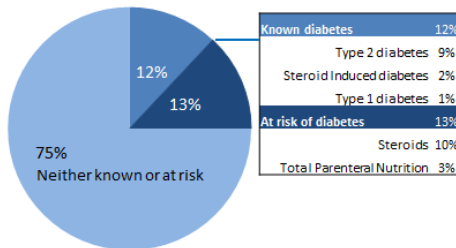
# Sugar Matters: Improving diabetes care at a tertiary cancer centre

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## Background

- The Christie is a tertiary cancer centre
- Deemed ineligible to take part in National Diabetes Audit (NaDIA)
- Local audit based on NaDIA criteria completed in 2015
- Results showed national standards not met
- Appropriate capillary blood glucose (CBG) monitoring for 25% patients
- Also demonstrated that 1 in 4 inpatients at The Christie require CBG monitoring

Proportion of patients with and at risk of diabetes



## Methods

- Improvement project, Executive sponsored, supported by Haelo
- Use of Model for Improvement, process mapping, staff and patient surveys
- Audit tool transferred to electronic patient record system in PDSA cycles
- Initial focus on one pilot ward

### Don't forget DIABETES

### Aim

Reduce potential "harm"<sup>1</sup> to inpatients at the Christie with Diabetes <sup>2</sup> or at risk of Diabetes <sup>3</sup> from 75% to 25%  
By June 2018

Make every day a "Good Diabetes Day"<sup>4</sup> at the Christie



### Primary drivers

- Knowledge of staff and patients
- Culture: diabetes seen as a priority
- Technology Systems: support implementation of best practice

### Secondary drivers

- Staff Engagement
- Patient empowerment
- Ward systems support compliance
- Data is used to reflect outcomes and practice
- Quality incentives
- Right equipment, right place
- CWP forms fit for purpose (audit, actual practice) and completed correctly

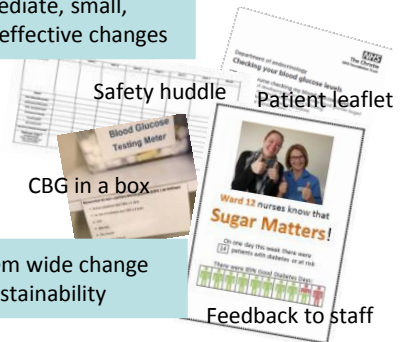
### Change Ideas

- Don't forget DIABETES education package for staff
- Include diabetes in ward safety huddle
- Engage patients early and monitor patient satisfaction
- Medical and nursing staff focus groups
- Weekly data collection and feedback to staff
- Make Diabetes care an intrinsic part of the Christie CODE
- Test whether glucometer connectivity improves compliance
- Improve diabetes care plan on CWP
- Electronic prescribing

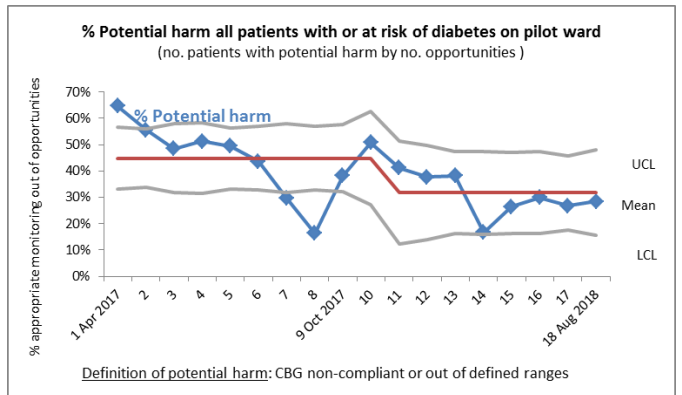
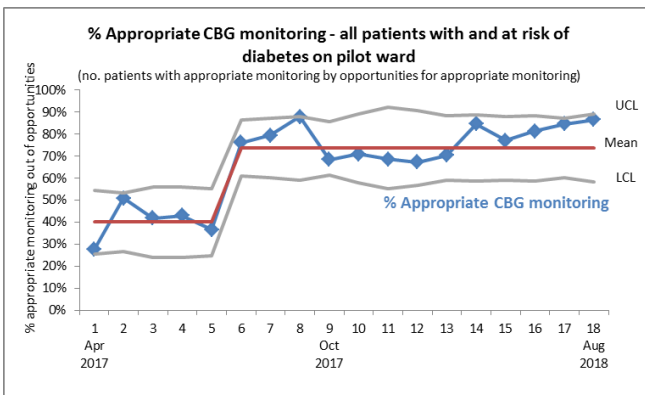
Immediate, small, cost effective changes

System wide change for sustainability

Implemented  
Ongoing  
Planned



CWP (local electronic patient record) Christie CODE (local successful ward accreditation scheme)



## Results

- The P charts above show improvement in CBG monitoring and reduction in potential harm over time on pilot ward
- Early results from other wards are positive
- System change implementation underway

## Impact

- Simple interventions have resulted in a reduction in potential harm which has been sustained
- We anticipate that electronic care plans and connected glucometers will further support sustainability through continuous data generation