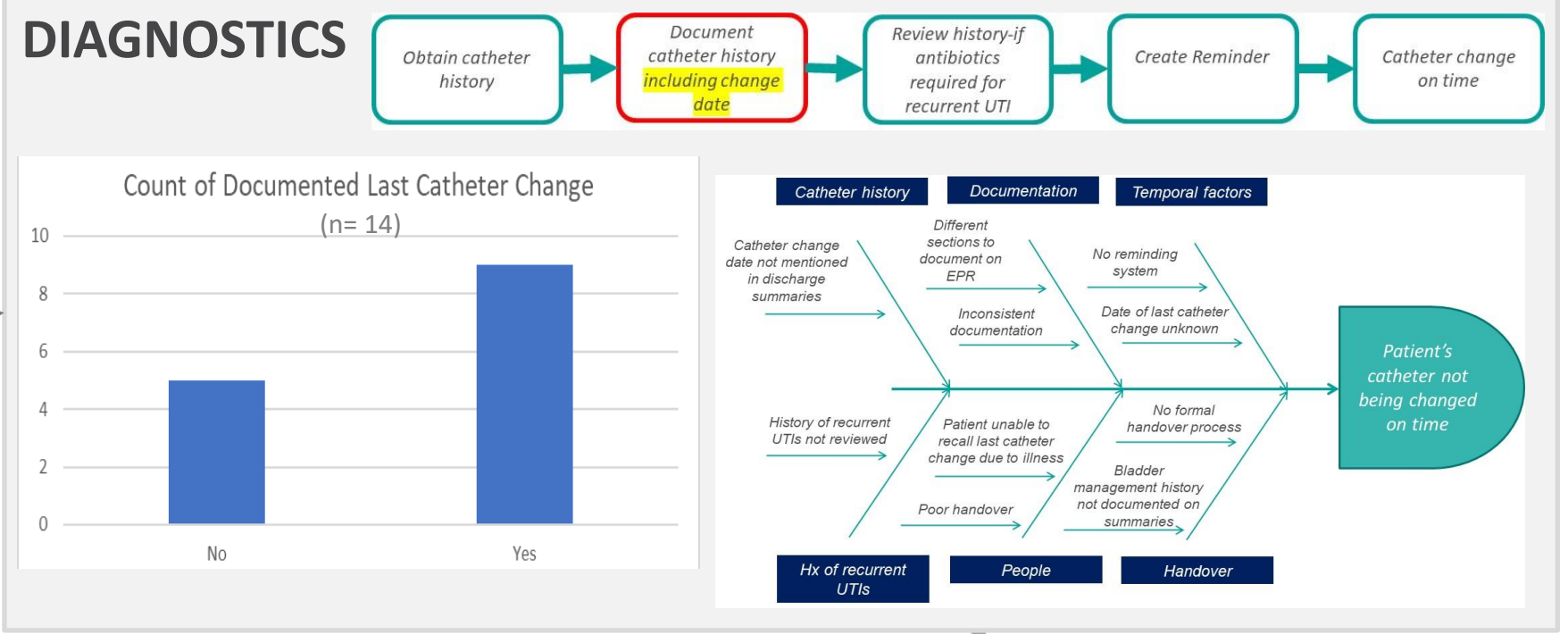


Dr HM Knight¹, Mariel Lacson, Kavita Leyose
¹ Oxford Centre of Enablement



We leave urine catheters in too long for too many patients.
If infections set in, they may never get home, or have an avoidable readmission to hospital!

BACKGROUND
We don't know when the catheter has been changed for 1/3 of our patients.
Even when we do know the date, we don't always change them at the recommended time¹.
If patients go home with an 'old' catheter they risk a new infection before its changed and readmission.
¹ EPIC3: National Evidence-Based Guidelines for Preventing Healthcare-Associated Infections in NHS Hospitals in England



AIM & MEASUREMENT DEFINITION

7 steps to measurement

1. Decide aim
2. Choose measures
3. Define measures
4. Collect data
5. Analyse & present
6. Review measures
7. Repeat steps 4-6

Aim
Date of last catheter change to be documented on EPR

Chosen measure
Is there a date for catheter change in Electronic Patient Record (EPR)?

Inclusions
All patients admitted to the Oxford Centre of Enablement from August 23.

Exclusions
Patients admitted with no urinary catheters.

CHANGE IDEAS

We realised we needed to fix recording the date of catheter change in order to make it easier to change the catheter when indicated.

Creating reminder in EPR

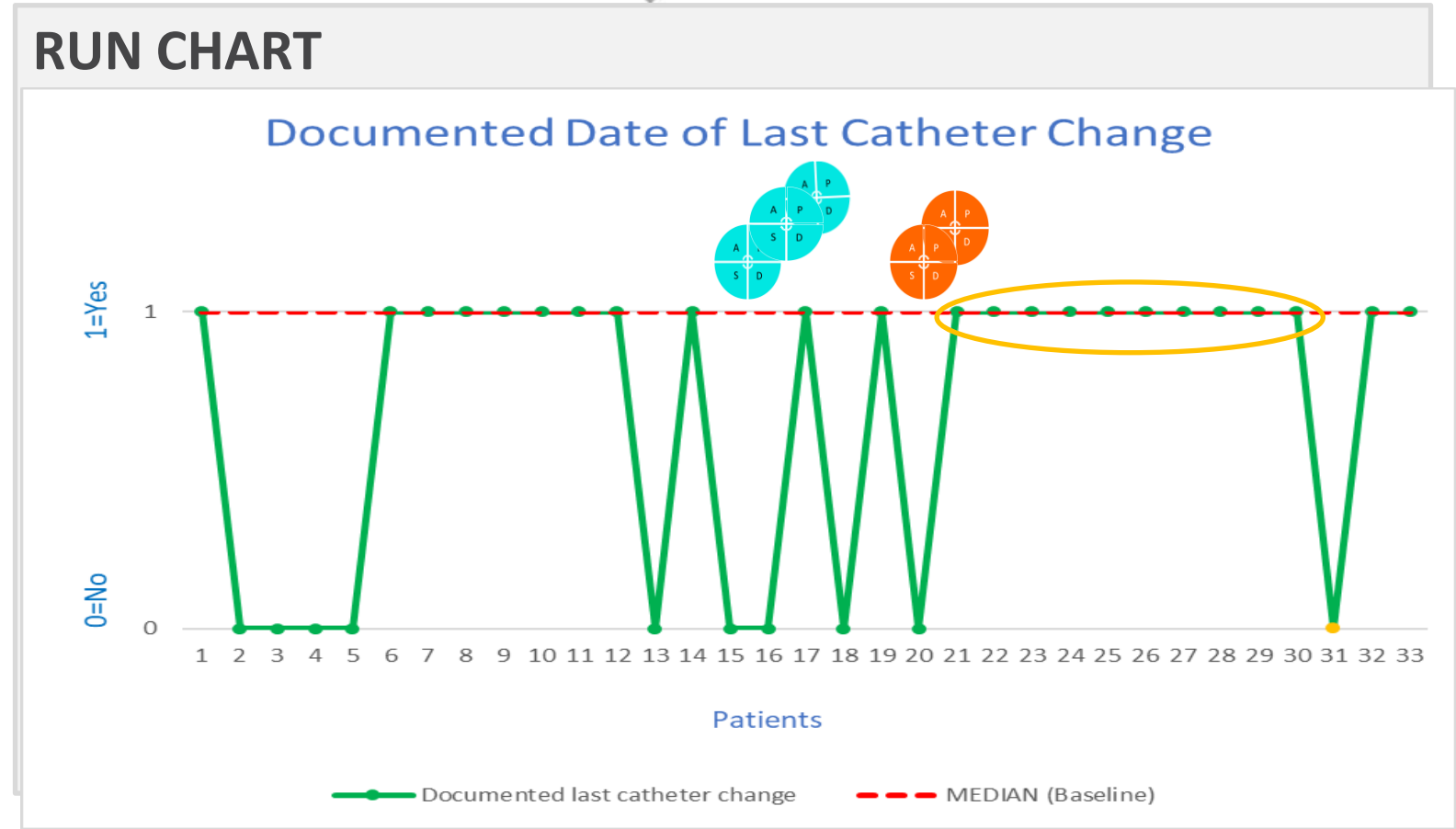
Verbal Reminder to document in EPR

Verbal Reminder to document in handover sheet

Email colleagues as reminder

PDSA cycles

PDSA Test #	PLAN	Do	STUDY	ACT
24 th January 2024	Meet with bladder & bowel nurse specialist to discuss ways of improving catheter documentation	Looked at audit data and then explored use of EPR. Has to be done at the time catheter changed	Not possible to record retrospectively. Need to find another way. Try with Ward Manager	Meet with Ward Manager
31 st January 2024	Meet with Ward Manager to discuss ways of improving catheter documentation	Looked at audit data and then explored EPRI need IT – contact name provided	Need to make contact with named IT person (Divisional Nurse Informatics Lead for IT)	Telephone call scheduled with IT manager
5 th March 2024	Telephone call scheduled with IT manager	Telephone call Discussed possibility of creating "prompt"	IT will consider but want a presentation from me about the problem	Work in progress- need to present for decision
6 th March 2024	Test change with bladder & bowel nurse specialist	New admission – worked together Recorded last catheter change date from handover into EPR for patient	Its possible to record dates in real time!	Assess if change documents for next patient with new or replaced catheter.
14 th March 2024	Test if document change results in recording of catheter change date	Review notes for all patients with catheter in following week/s – nurses have started recording	Nurses are recording date of catheter change AND the type of Catheter – which was more than I expected!	Consider sharing findings in Oxford Centre of Enablement weekly meeting



Conclusions
Through concerted efforts and multiple iterations of Plan-Do-Study-Act (PDSA) cycles, I have witnessed a significant improvement in the accuracy and timeliness of documentation of catheter change (10 consecutive data points on median baseline).

Reflections
I realized the importance of engaging frontline staff in the change process. By soliciting their input and involvement, we were able to identify barriers, generate innovative solutions, and garner buy-in for implementation.

