

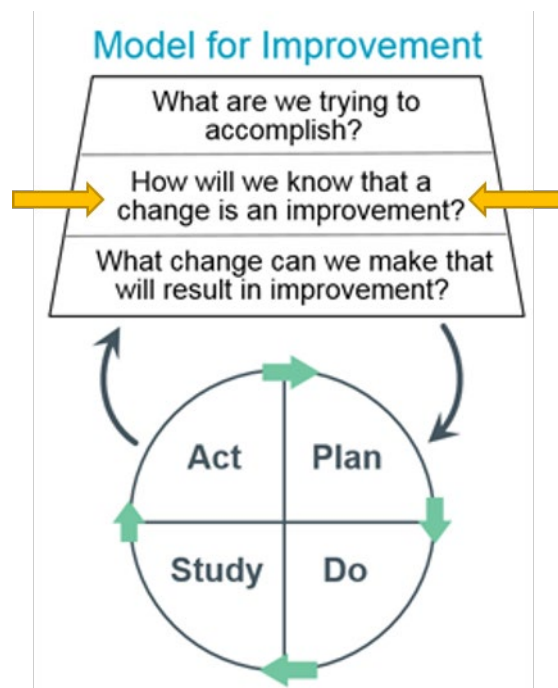
Disinfection and decontamination: Dating of sterilised instruments

Objective: Review the amount of sterilised instruments dated after decontamination process within the practice. Not all bags are currently dated due to the instruments being in constant demand through the working day e.g. turbines and treatment trays.

Aim: To collect data within the practice to review and improve the amount of sterilization bags dated during a working day within one surgery.

We aim to reach 100% of bags to be dated at the end of each session

We aim to use the Model of Improvement and QI methodologies to undertake our improvement.



To reach our aim we will first organise a staff meeting to make all staff aware of the aim of the audit and begin collecting our data. After this we will start to record the data required and display this within a chart. Once we have this data we can then start to think about the changes needed to be made to reach this aim.

Who will be involved and what will their roles be?

All nurses will be involved in the project in different areas e.g. planning, collecting data and making changes as it is their duty to ensure decontamination is taken out to abide by the standards of the WHTM-01-05. Also by involving all nurses it means that staff will all be aware of the outcome of the audit so they will be more likely to work together to apply the changes.

Meeting 1 –

People present – Victoria Barrett, Hayley Prowse, Joanne Park, Kelly Fenton, Anna Ismail, Tim Phillips

Agenda Item – CAPRO Audit

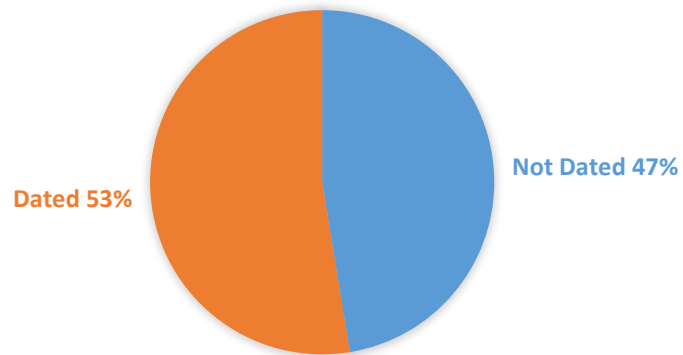
Aims for audit – To collect data on the amount of dated sterilisation bags during a working day to be able to reach 100%.

We discussed how we can collect this data; firstly we will take account of the number of bags opened during a working session and then how many of these were undated at the time of opening. We can then display this data in a chart. The data we will collect will be used from only one out of four surgeries we have in the practice.

Data collected Monday 25 February – Friday 1 March 2019

Day	Number of bags opened	Number of bags undated
Monday AM	21	10
Monday PM	18	9
Tuesday AM	21	11
Tuesday PM	12	6
Wednesday AM	24	13
Wednesday PM	17	8
Thursday AM	16	9
Thursday PM	14	4
Friday A	16	6
Friday PM	16	7

NUMBER OF BAGS DATED



The data we collected shows that only 53% of instruments are dated at the time of bagging. We want to increase this number to 100% by 25/03/2019. As a team we will consider the changes needed to be able to reach this target within a meeting.

Meeting 2 -

People present - Victoria Barrett, Hayley Prowse, Joanne Park, Kelly Fenton, Anna Ismail, Tim Phillips

Agenda – Consider the changes needed to be made to improve the number of dated bags

Changes that we can consider making include the following:

- Add a poster to the decontamination room as a reminder to staff to get into a habit of dating every bag even during a busy session
- Predating bags in the morning, e.g. if any staff members arrive early to work
- Using a stamp to date bags instead of hand writing
- Consider a decontamination nurse

Pros and cons of using a stamp:

Pros – Less time consuming

Easier to read

Cons - Stamp can be messy and rubs off/smudges when wet

Pros and cons of employing a decontamination nurse –

Pros – Saves time of the nurses working in surgery

Decontamination process will be done thoroughly and all bags will be dated

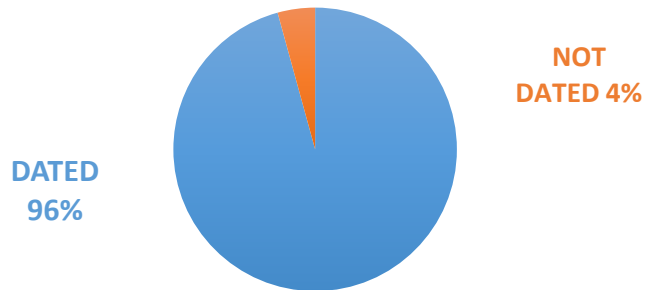
Cons – Employing another staff member is not financially necessary because nurses are able to sterilise and date their own instruments during the day.

Actions taken: Create a poster, use a stamp and predate bags.

Data collected Monday 25 March – Friday 30 March

Day	Number of bags opened	Number of bags undated
Monday AM	24	1
Monday PM	17	0
Tuesday AM	16	0
Tuesday PM	12	0
Wednesday AM	17	2
Wednesday PM	20	3
Thursday AM	20	0
Thursday PM	15	0
Friday AM	11	0
Friday PM	12	1

NUMBER OF BAGS DATED



The new data we collected shows an increase in number of bags dated by 43% when compared to the previous data. We would like to continue to improve the number of bags dated until we reach 100% as our final aim as 4% are still not being dated at time of sterilisation.

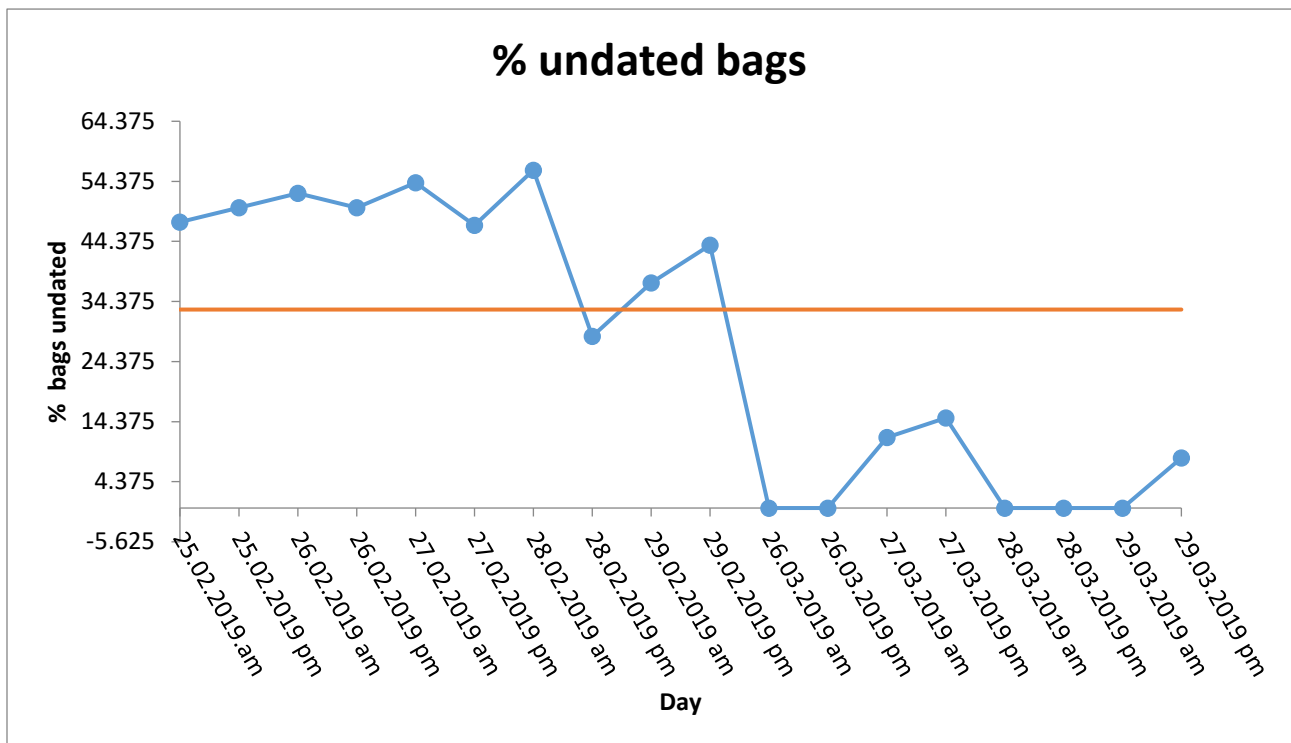
Meeting 3 -

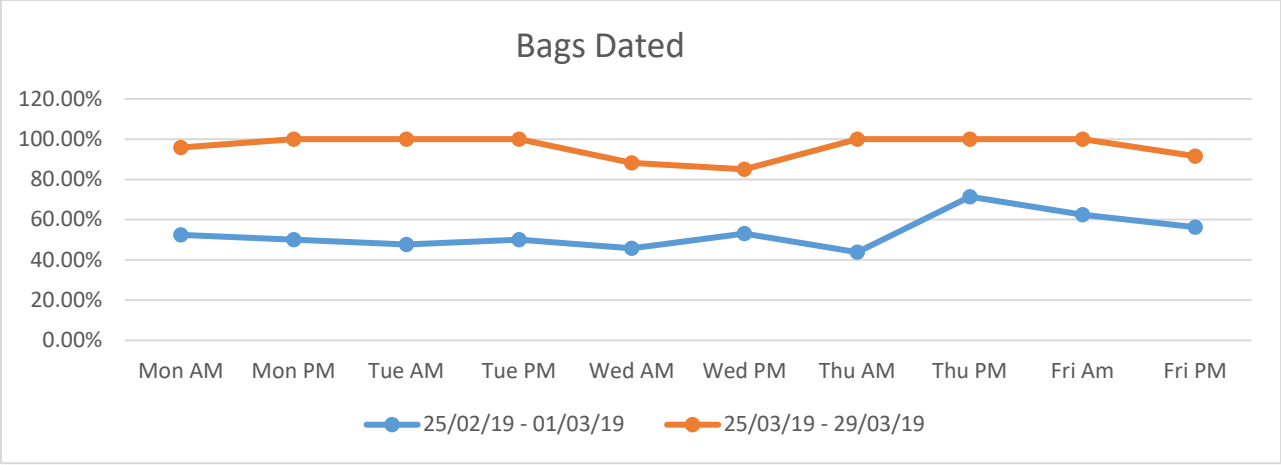
People present - Victoria Barrett, Hayley Prowse, Joanne Park, Kelly Fenton, Anna Ismail, Tim Phillips

Agenda – Review the changes and improvements made throughout the project and compare the data collected over the two time periods.

Changes that we have made:

- Added a poster to the decontamination room
- Predate bags in the morning
- Use a stamp to date bags instead of hand writing



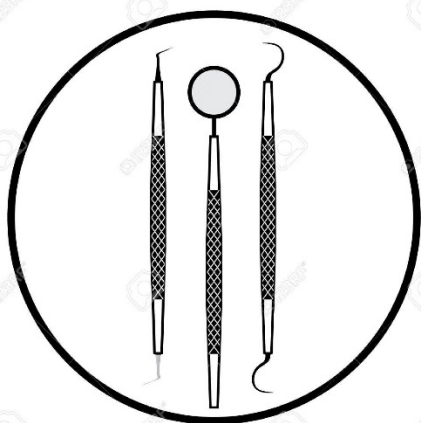


The data collected shows a positive change in the amount of instrument bags dated after the decontamination process. We will continue to comply with the changes we have made and now implement them throughout all four surgeries at the practice.

We would like to further this change after the completion of this project and continue to aim for 100% of bags dated daily throughout all surgeries.

After reviewing these positive changes and undertaking this project we feel would be able to take on other projects in future whilst working effectively as a team.

**NURSES
PLEASE ENSURE ALL
INSTRUMENTS ARE
DATED AT THE TIME OF
BAGGING**



THANK YOU