



**Singapore Healthcare
Management 2019**

The T Card

'Is Your Vaccine Record Correct?'



Polyclinics
SingHealth

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Background

- Maintaining an accurate Vaccine Usage Record (VUR) plays a vital role in vaccine recall process.
- Vaccines are collected from pharmacy and transferred to pharmaceutical fridge in the vaccination room.
- Details such as number of vaccines received, batch number, expiry date and date of first and last used from the batch of vaccines collected need to be updated in the VUR form.
- When the vaccines are used for patients, the first and last used for the batch of vaccines collected often not update promptly.
- Periodically, the nurses need to go through the record file to do a back end counting for updating the record.
- This was time consuming and the record was inaccurate.

Problem Statement

- Missed and inaccurate maintenance of VUR.
- Potentially cause delay in recall processes.

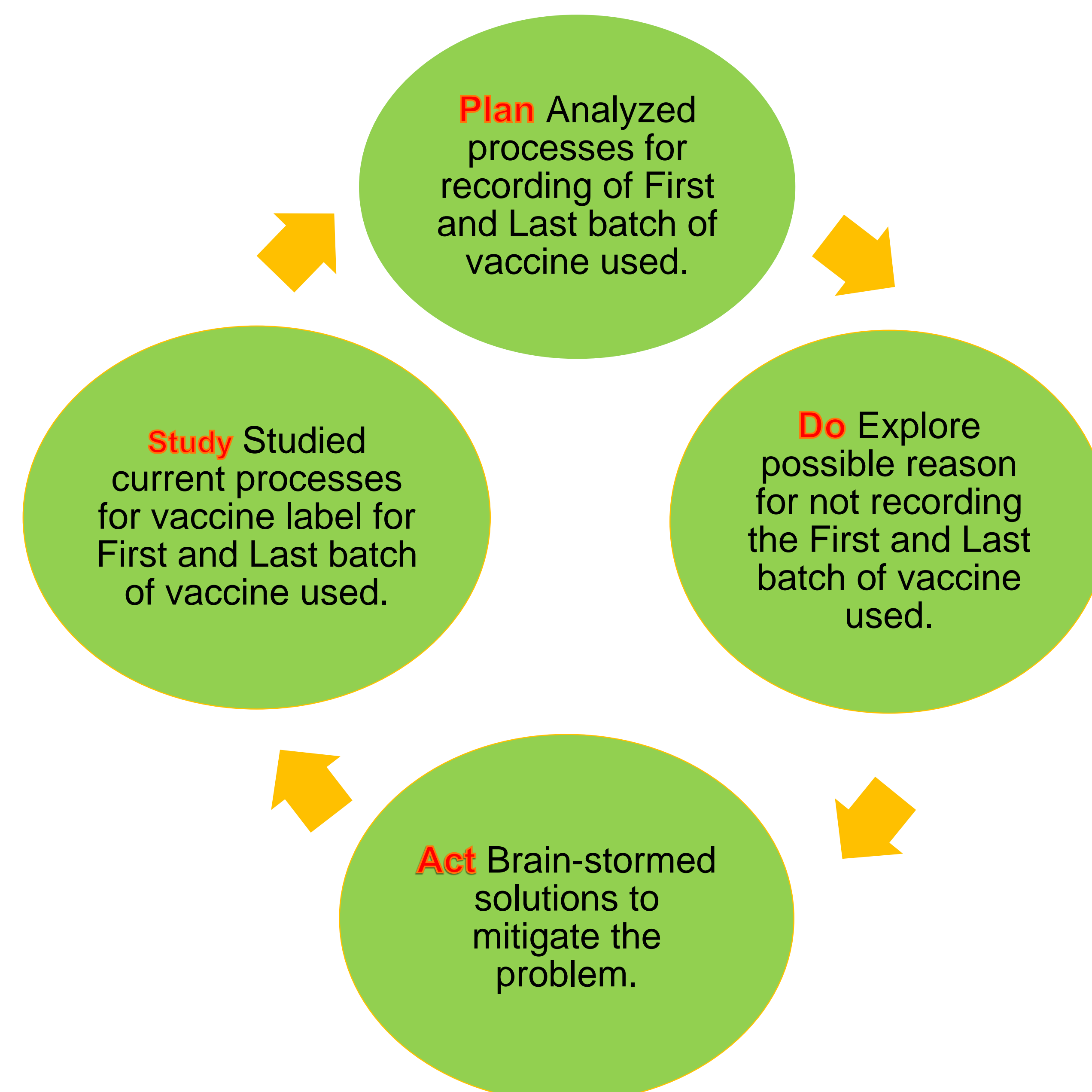
Aim

To enhance and streamline processes in maintaining accurate VUR to aid in Vaccine Recall process.

Mission Statement

Ensure first and last batch of vaccine used in vaccination room is recorded accurately while maintaining 'First In, First Out' process.

Methodology



Intervention

Before



Nurses used to tag each set of vaccines collected with hand written labels to identify first and last to be used.

After



VACCINE USAGE RECORD									
Name of Vaccine	Quantity Received	Manufacture	Batch No	Date of Expiry	Date of First Use	Date of Last Use	Remarks		
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			
Engixen 10mg	60	CSL	1801/100	15/01/20	15/01/20	15/01/20			

VUR Form

T' cards with the phrase "First Used" and "Last Used" were designed for each type of vaccines stored in the pharmaceutical fridge.

Nurse who took the vaccine which has the "First Used" or "Last Used" 'T' card will drop it into a designated container affixed on the fridge surface.

Before end of the day, the nurse will collect the 'T' card from the container to update the VUR accordingly.

Result

- ✓ The clinic achieved accurate and timely recording of vaccine usage.
- ✓ To-date, there is no incident of missed recording of vaccine usage.
- ✓ Nurses found it easier and hassle free to update the VUR.

Conclusion

- This intervention has been incorporated into the daily operation.
- Clinic has maintained 'First In, First Out' process.
- It facilitates vaccine recall when needed.