

Leabank Health Centre

Procure Facilitator: Nicki Brentnall

Team members:

Doctors: S Chang, J Chang, N Manawadu

Practice nurses: R Giles, V Bird, A Dempsey

Management Staff: D Mackie

Organisational “Buy - In”

Aim: To improve our warfarin management system

As we only have around 40 patients on warfarin and we've a stable practice population, we currently use a manual card system. This is simple and has all the information at a glance but is difficult to audit. Our change idea is to move to an electronic system to allow us to audit our warfarin management practices.

Buy-in: Extensive discussion in practice meetings and attendance at previous Safety in Practice sessions which has exposed us to systems in use in other practices.

Change Idea

To explore computerized warfarin monitoring available in
MedTech 32

Measures Summary

Information easily found in notes

	Percentage (%)	Target (%)
Condition	100	100
Target INR range	100	100
Start Date		
In MedTech	90	
On Cards	60	
Duration		
In MedTech	60	
On Cards	40	
Brand of Warfarin	20	

Monitoring

	Percentage (%)	Target (%)
Most Recent INR	100	100
Current Warfarin Dose	100	100
Timing of next INR	100	100

Medication Labelling

	Percentage (%)	Target (%)
Brand Name	20	100
Dose in mg	0	100
"Regular INR testing"	0	100

INR Results

	Percentage (%)	Target (%)
In Target Range	60	55
<1.5	0	0
>5	0	0
1.5 - 5	100	100

Highlights and Lowlights

Highlights

- We've made changes and have documented all the required information.
- We've started an electronic system of warfarin management

Lowlights

- There seems to be no single agreed electronic system.
- The current system we use is not as efficient as our old manual system.
- We're entering the INR, warfarin dose and next test time in the Inbox comment field after check previous doses by opening the patient screening selecting this term only. The result and new instruction is then sent to the nurses' inbox where they contact the patient and create the next screening entry.

Is there a better system out there?

Achievements to date

- We've a new system but we'll need to refine it.
- We'll find out from other practices what systems they are using.
- We're currently running both manual and electronic together until we've gone through 2 cycles.
- Our data has improved from the previous audit.
- Responsibilities and what is expected of the team has been reinforced.
- We're going to do another audit in 3 months to measure changes.