

**HELEN HAYES**  
HOSPITAL  
The Power of Rehabilitation


**CPS**  
Comprehensive Pharmacy Services

**Putting the Horse Before the Cart  
Help with National Patient Safety  
Goal 3E**



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Sima Peckler has nothing to disclose.



**Helen Hayes Hospital**  
*The Power of Rehabilitation*

## 3E is giving me a headache!!!



## THE PROBLEM

“For all patients receiving warfarin therapy, a **current** INR is available, and is used to monitor and adjust therapy.”



## THE OLD WAY

- Warfarin included in Mon-Fri cart refill list
- Cart fill list printed at 8:30 AM
- Current INRs posted by 12 noon
- Warfarin orders often changed in response to latest INR values



## WEEKEND ISSUES

- Friday - a 72 hour supply sent
- Orders modified over the weekend as per new INR values.
- Incorrect doses remain in cassette



## TO MAKE MATTERS WORSE

**Provider Order Management - BECKER, ALFRED MD**

Test, Jack  
 DOB: 7/9/54 54 F  
 Ht: 67 in / Wt: 135 lb  
 Allergy/ADR: Cottage Cheese, Cream Cheese, Lactose  
 Order Set Detail 1 Selected Order

**Dr. Becker's Coumadin Protocol**

**Medications**

- Warfarin Sod (Coumadin)  
 0 mg PO qpm - Protocol

Condition	Dose/Route	Instructions
If Inr 1.8 To 3	2.5 Mg	Qpm
If Inr Is Less Than 1.8	5 Mg	
If Inr Greater Than 3	0 Mg	Hold

SEE PROTOCOL TABLE FOR DOSING  
 DR. BECKER'S COUMADIN PROTOCOL

## EVEN WORSE-Highly Inventive Warfarin Protocol Orders

**Inpatient Medication: TEST, JACK A#V00000000811 ADM IN**

Rx # NEW    Order Type MED    Age/Sex 54/F    R  
 Order Dr GREJA    Location 1A    B  
 Ord Src

WARFARIN SOD 1 MG TAB

Condition	Dose/Route/Rate	Instruction
1 INR BELOW 1.4	6MG	AT 8PM
2 INR 1.4-1.6	5MG	AT 8PM
3 INR 1.6-1.99	4MG	AT 8PM
4 INR 2-3	3.5MG	AT 8PM
5 INR GREATER THAN 3	HOLD	

Treatment Text

## **THE SOLUTION- Creation of the Warfarin Refill List**

- Print Warfarin fill List **DAILY** at **2:30 PM**
- **Current** INRs print on the refill list
- Correct daily dose for all protocol orders sent based on current INR

## **THE SOLUTION- continued**

- Place current Coumadin dose directly into cassette on weekdays
- Coumadin Labels printed on Saturday and Sunday for each order

## HEADACHE IS GONE !

ALL WARFARIN DOSES MONITORED AND  
DISPENSED AS PER CURRENT INR 365  
DAYS PER YEAR.

