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STANDARDIZED DOCUMENTATION RECOMMENDATIONS FOR DRUG CHART, TEST DOSE AND VERBAL ORDERS - IMPLEMENTATION IN HOSPITAL SETTING WILL HELP REDUCE MEDICATIONS ERRORS

Introduction

Several reports have documented medication errors and its consequences¹. Though there are many different approaches for reducing errors², following recommendations made by Pharm D interns from their first-hand experience doing ward rounds in Indian hospitals would have a positive impact on reducing medication errors. The prototypes mentioned in this article were implemented by PharmD interns in a multi-specialty hospital at Hyderabad, Telangana.

Weekly drug order chart

Daily drug chart, where the nurses and duty doctors copy the same drugs again and again daily in different sheets has been a long standing practice in most of the Indian hospitals. This practice has great disadvantage since transcribing and translational errors occurs frequently when nurses carry out such

tedious process even when this step is carried out in presence of medical residents. Since all drugs written in consultant's notes are transcribed to the medication chart, too many instructions make it difficult for the nurses to identify the changes made (e.g. change in frequency, change in dose). The authorization for the drug, i.e. sign and stamp near the drugs were also not found in the drug chart, which makes it difficult for health care provider to identify which physician prescribed that particular drug.

A weekly drug chart as shown in Figure.1 was prepared with drug details on one side and administration details on the other . Drug details include their name (in capital letters), dose, frequency, route of administration along with the corresponding prescriber's signature and stamp with date. This proposed drug chart will have space for nearly six days and any changes made will be apparent. This drug chart can help nurses in overcoming writing burden, help physicians in identifying the name of particular prescriber, if multiple physicians are involved in a case and also in avoiding polypharmacy.

Drug Name (IN CAPITAL LETTER)	Date :		Date :		Date :		Date :		Date :			
	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2
Dose	Frequency	Route										
Doctor's Signature, Date & Time		BF	AF									
Drug Name (IN CAPITAL LETTER)	Date :		Date :		Date :		Date :		Date :			
	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2
Dose	Frequency	Route										
Doctor's Signature, Date & Time		BF	AF									
Drug Name (IN CAPITAL LETTER)	Date :		Date :		Date :		Date :		Date :			
	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2
Dose	Frequency	Route										
Doctor's Signature, Date & Time		BF	AF									
Drug Name (IN CAPITAL LETTER)	Date :		Date :		Date :		Date :		Date :			
	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2	Time	Nurse 1	Nurse 2
Dose	Frequency	Route										
Doctor's Signature, Date & Time		BF	AF									



Figure 3: Prototype of Verbal order sheet

We are sharing this information so other hospitals in India or other developing countries that do not have formalized well planned documentation policies can use above charts to decrease medication errors in their setting.

Verbal order sheet is one of the best ways for the nurses to authorize the drug orders given by physicians and transcribe the same data in the drug chart. The convenience and feasibility of verbal order sheet can be assessed by physicians and nurses and can be implemented in all the IP wards.

References

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