

EMERGENCY DEPARTMENT PHARMACY ROTATION, WHAT IS A PHARMACY RESIDENT DOING HERE?

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• **WHAT WAS DONE?**

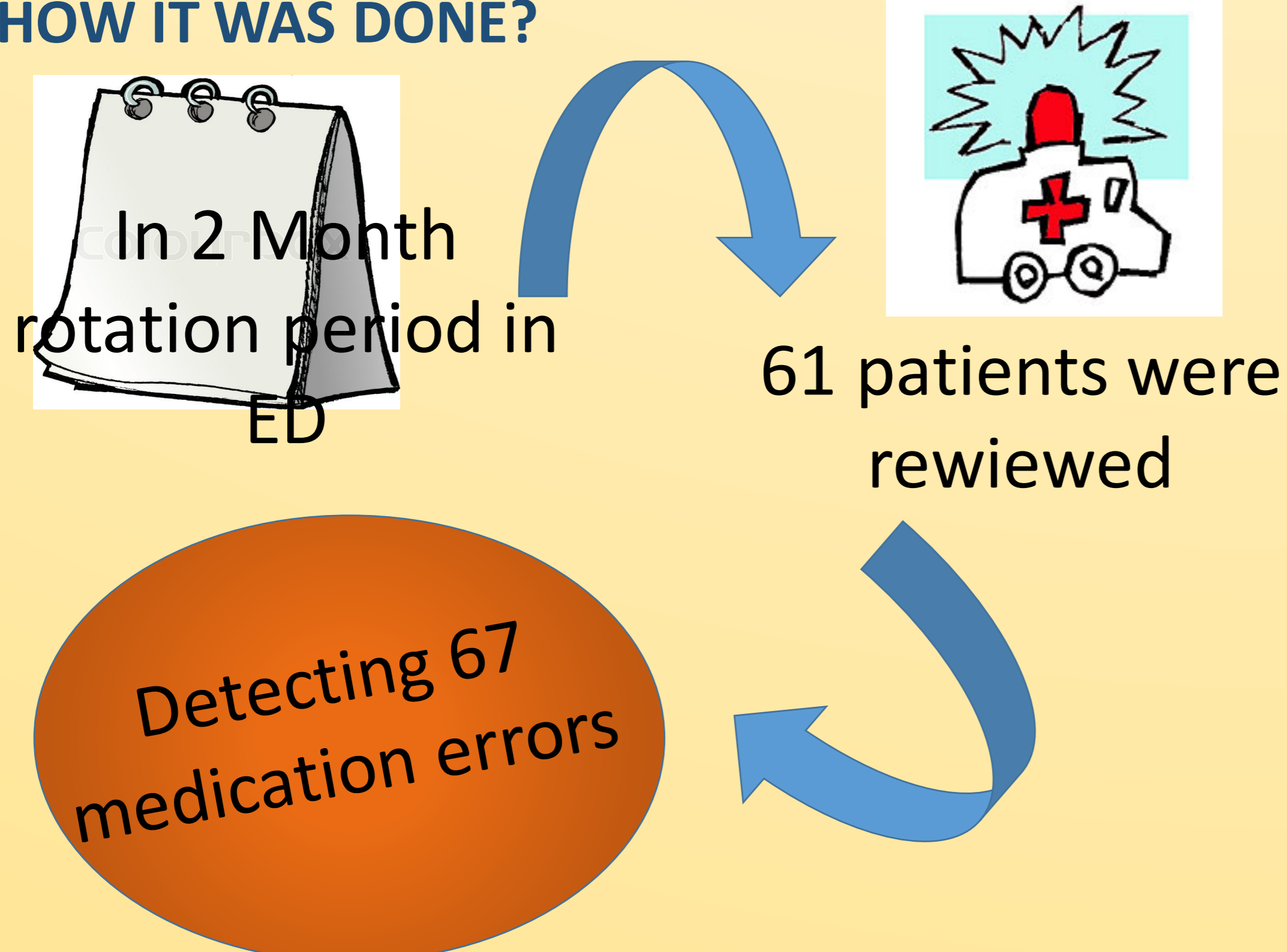
Hospital pharmacy specialization programs include one year of rotations in clinical areas. The emergency department (ED) was chosen in order to develop a program to detect and prevent medication errors as a part of a multidisciplinary team.

Other tasks such as organizing drug storage, drug labelling and conservation, nurse counselling and education on issues related to medication were developed.

• **WHY IT WAS DONE?**

To acquire clinical skills in this setting and detect and prevent medication errors. It is also an area in which pharmacists had previously never participated in our hospital and it was an opportunity to integrate in this multidisciplinary team.

• **HOW IT WAS DONE?**



Other tasks:
 -organized and labelled drug storage
 -listed and identified thermolabile drugs
 -participated in a protocol design

• **WHAT WAS ACHIEVED?**

The resident was able to **improve care in acute patients in the ED.**

The most common errors found and prevented were:

Missed doses: 25,3 %	Drug interaction/incompatibility: 8,9%
Incorrect form to administer the drug: 13,4%	Others

The resident was able to organized refrigerator drug stored and developed a protocol to explain how to act in case of fridge failure

• **WHAT IS NEXT?**

To try to implement an **ED-based clinical pharmacist program** in order to detect and manage medication errors to **improve safety** in drug therapy, as well as to contribute to patient care with a **different point of view** from clinicians.

Acknowledgements: ED staff