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ANALYSIS OF ERRORS IN THE MANUAL PREPARATION OF STERILE DRUGS FROM STOCK

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BACKGROUND AND OBJECTIVES

In recent years, pharmacy services have shifted towards centralized preparation of sterile drugs to ensure compatibility, stability and sterility.
Quality controls will identify preparation errors preventing them from reaching patients.

AIM AND OBJECTIVES

Analyze errors detected in the manual preparation of sterile drugs from stock during January 2022 – April 2023.

MATERIAL AND METHODS

- Manual work methodology:

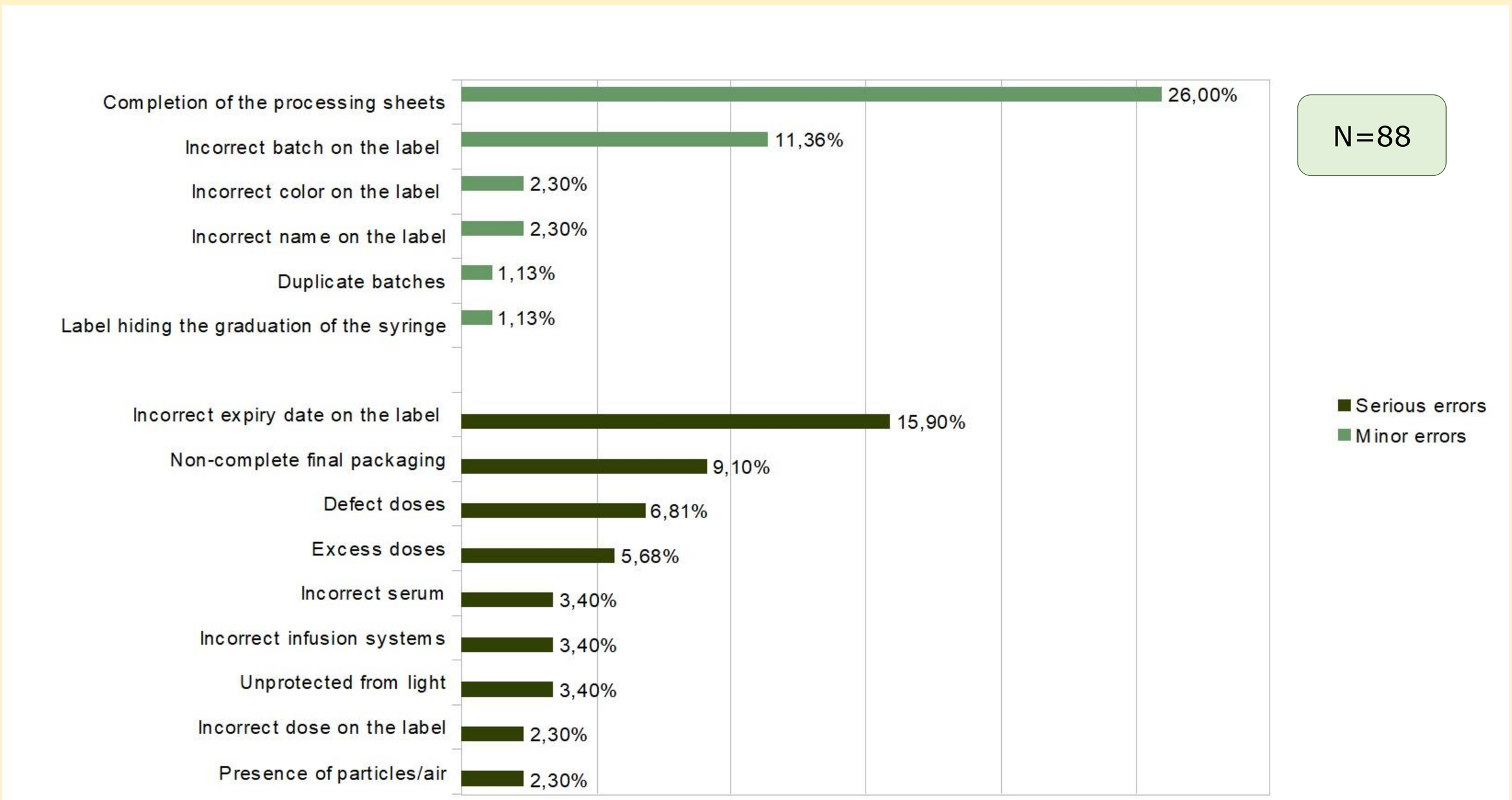
A pharmacy technician selects the medicines/materials, generates the labels and the processing sheet.

Another technician performs a double safety check.

Once prepared, the pharmacist records the conformity, after inspecting the preparation sheet together with one of the preparations of each batch.

- The errors were recorded in Excel file, being classified based on the type and severity, according to pharmacist criteria: minor and serious errors.

RESULTS



CONCLUSION AND RELEVANCE

The error rate detected is lower than reported in the literature. More than half of them were considered potentially serious if they had reached the patient.

This methodology presents a low error detection, incorporating new technologies could enhance error detection and ultimately leading to improved patient safety.

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