

HAZARDOUS DRUGS DISPENSED TO OUTPATIENTS AND PROPOSALS FOR SAFE HANDLING

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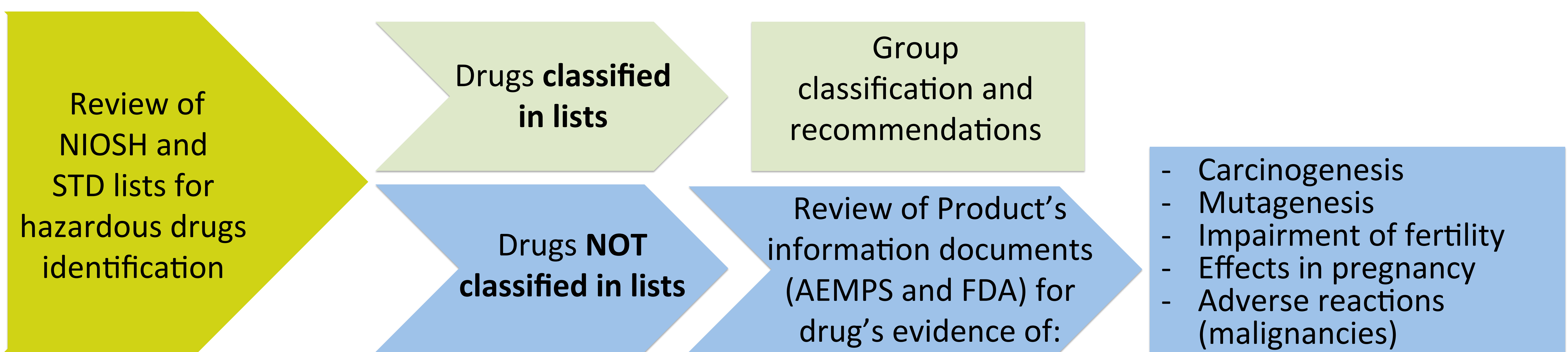
OBJECTIVES

- Identification of hazardous drugs dispensed to outpatients from a hospital pharmacy service.
- Propose measures to improve safety during drug handling.

Abbreviations: NIOSH: National Institute for Occupational Safety and Health List of Antineoplastic and Other Hazardous Drugs in Healthcare Settings, 2016'; STD: Spanish Technical Document 'Hazardous drugs: preventive measures for their preparation and administration. 2016'; AEMPS: Spanish Agency of Medicines and Health Products; FDA: Food and Drug Administration

METHODS

- Retrospective study of medications dispensed to outpatients between 2013 and 2016.



RESULTS

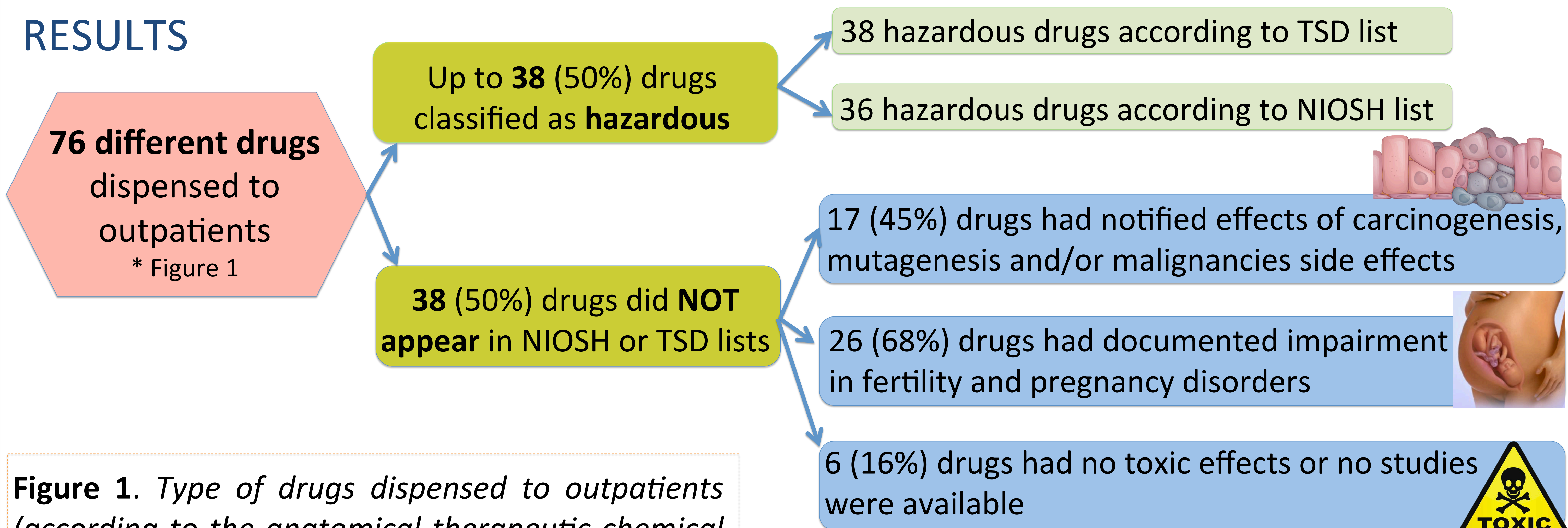


Figure 1. Type of drugs dispensed to outpatients (according to the anatomical therapeutic chemical classification)

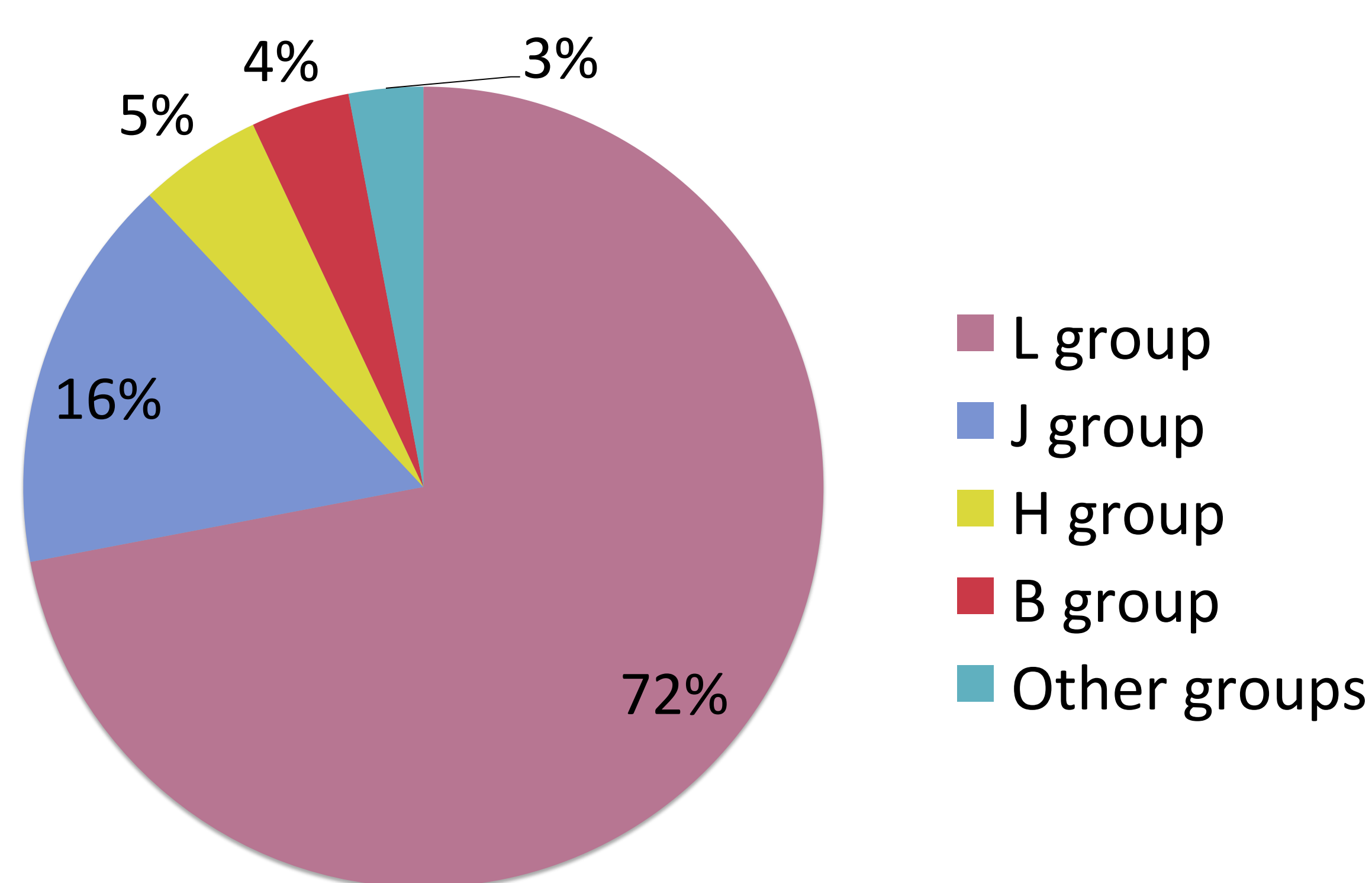
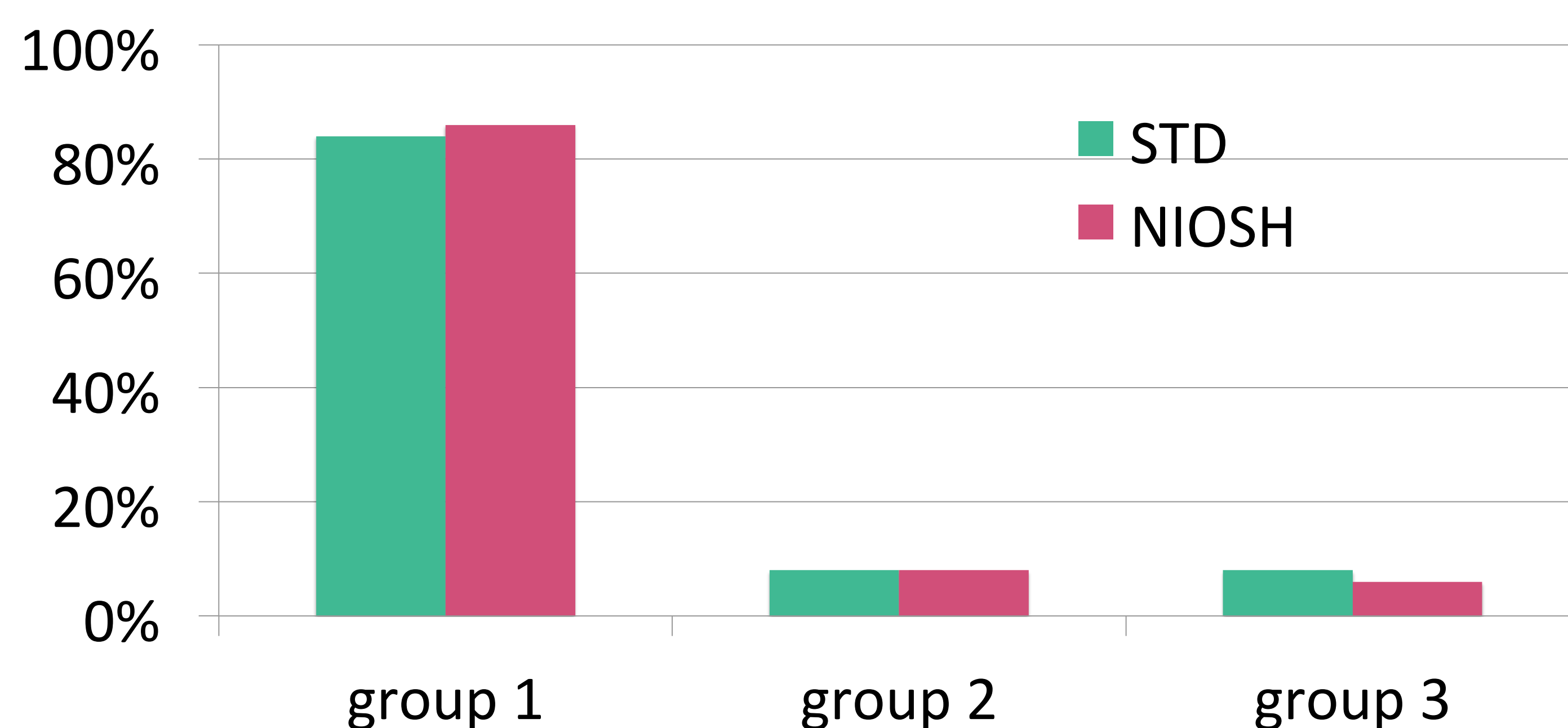


Figure 2. Hazardous drugs classification according to NIOSH and STD lists.



Measures established to **improve safety** on hazardous drugs handling

Development of a **list identifying the hazardous drugs**

Development of a **document with recommendations** for safe handling addressed to healthcare professionals and patients

CONCLUSION

- A **high proportion of drugs** (50%) dispensed to outpatients **lacked of classification** in the hazardous drug lists (NIOSH and STD) and therefore the risk of incorrect handling increased.
- It would be **advisable to identify potential hazardous drugs** (70 in this study) and to **instruct** patients and healthcare workers on **safe drug handling**.