

INTRODUCTION

Urinary catheterization is a common practice but **complex** because of a large number of medical devices :

- PVC** Different materials
- ⌚ Different insertion time
- 🗨️ Different indications

- 🎯 Assess nurses' knowledge of **good urinary catheterization practices**
- 🎯 Determine if nurses encounter **difficulties with referenced devices**
- 🎯 Determine an existing **need for information tools** on the proper use of urinary catheterization devices

MATERIAL AND METHODS

1. Internal audit on the proper use of medical devices for urinary catheterization : from June to July 2023

Population audited

- Volunteer nurses from each care department

Audit Format

- Questionnaire : 15 questions
- Duration: 10 minutes

Auditors

- Pharmacy residents and pharmacy assistants

2. Questions topics

General items

- Traçability, legislation
- Proper use : choice of solvent for balloon urinary catheters

Criteria for selecting a urinary catheter and aspect relating to installation methods

- Catheter's material according to the installation duration

Nurses' comments

- Difficulties encountered with referenced devices
- Need for additional training on urinary catheterization

RESULTS

➡ The audit included **81 nurses** from 19 different units

1. Generalities (% of compliant responses)

58% Knowledge of **institutional protocol**

86% The insertion of a urinary catheter requires a **doctor's prescription**

35% Knowledge of all the **obligatory traceability information** elements that must be included in the patient's file

2. About proper use

🧴 Collection of urine samples for analysis on a **specific site** **61%**

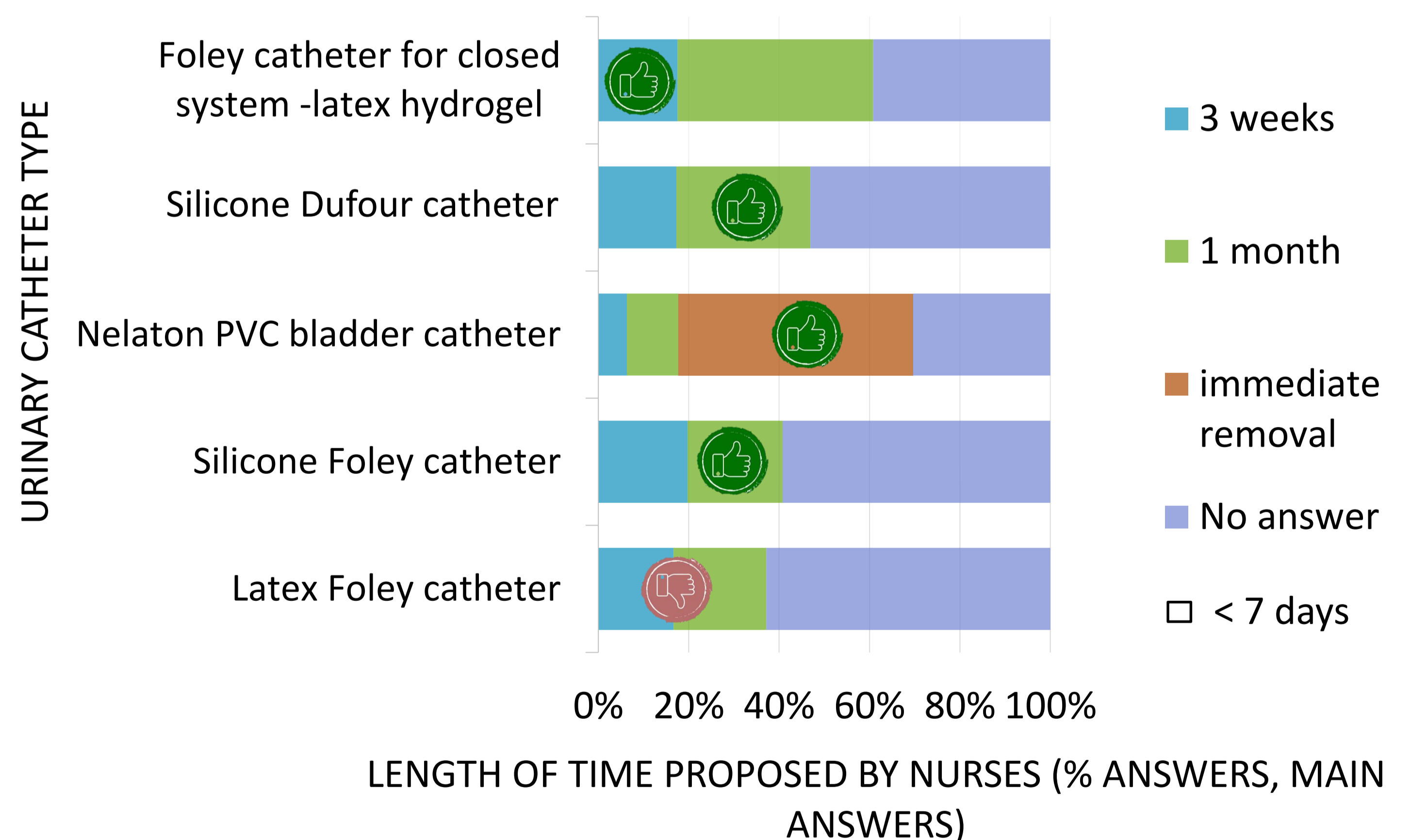
🚰 In accidental disconnection of a closed system bag : **the entire system must be replaced** **43%**

💧 Using **sterile water** to inflate balloon catheters **89%**

3. Choice of urinary catheter and insertion time

Poor knowledge of the exposure time depending on the material of the urinary catheter

INSERTION TIME DEPENDING ON THE TYPE OF URINARY CATHETER



DISCUSSION / CONCLUSION

✅ Good level on **urinary catheterization generalities**

❌ Need to improve the knowledge about **the use of closed systems** and **the correlation between catheter material and insertion time**

➡ **Heterogeneous level of knowledge**, as noted in literature ⁽¹⁾



Improvement actions implemented :

- Poster on proper use
- Oral feedback
- Review of available medical devices



Carry out a second audit to **assess the evolution of knowledge**

