

Implementation of Clinical Pharmacy in Oncology: A Good Practice to Optimize Treatment Safety and Efficacy

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1. Background and Importance

- Clinical pharmacy is a key component of multidisciplinary oncology care. Limited pharmacist involvement in prescription validation increases **the risk of drug-related problems**.
- Oncology patients are particularly vulnerable due to **polypharmacy and immunosuppression**.

= Integrating clinical pharmacy services can improve prescribing safety and adherence to guidelines

2. Aim and objectives

- 🎯 To evaluate the impact of integrating a clinical pharmacist into the oncology care team on drug-related problem management and safe, evidence-based prescribing.

3. Material and methods

📍 Prospective study (March–September 2024)

🏥 Oncology department

👤 Daily prescription review by clinical pharmacy intern

🔄 Reactive & proactive interventions

📄 DRPs classified using validated tool

4. Results

➡ Acceptance rate : 77%

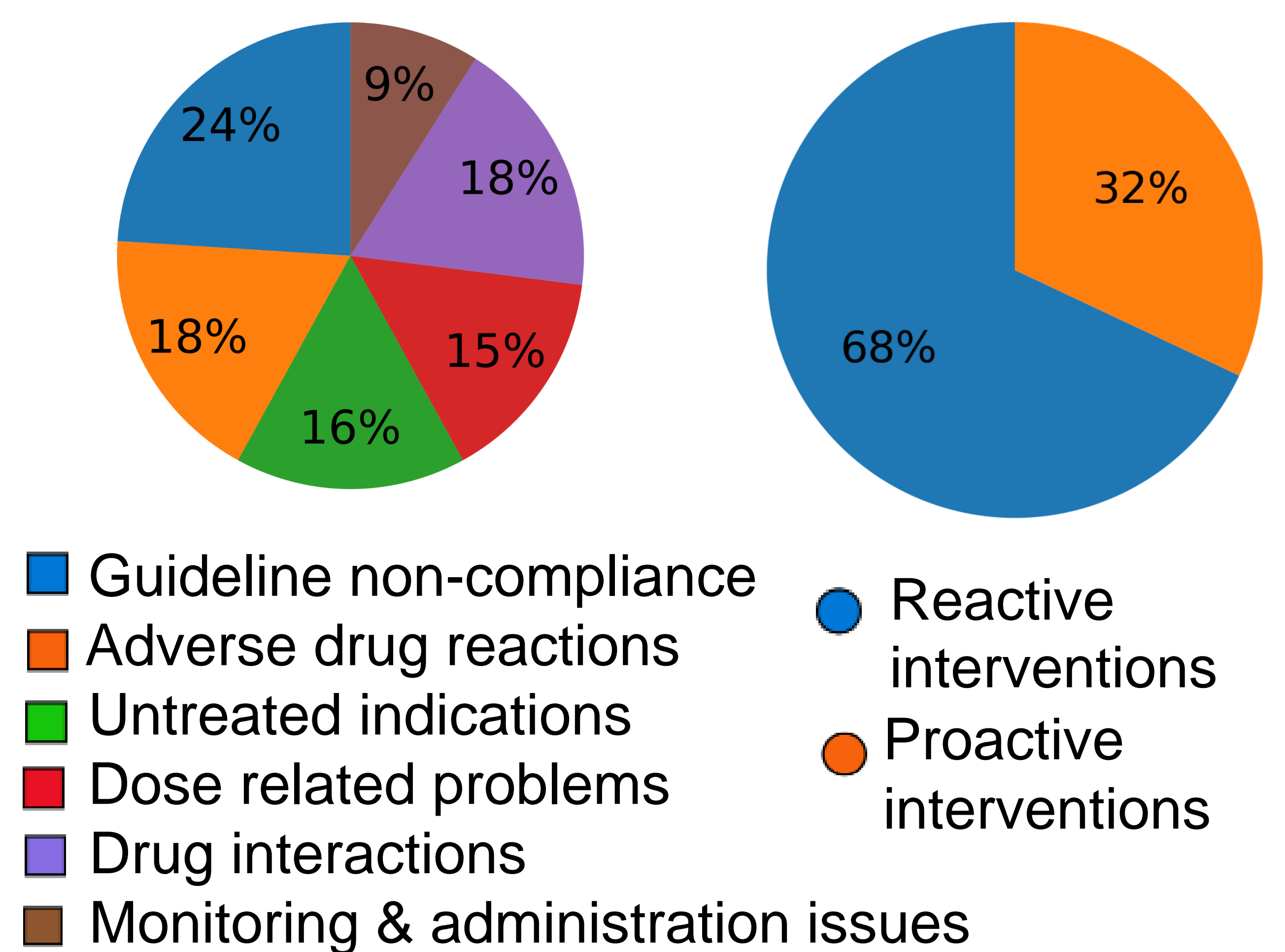


Figure 1. Characteristics of pharmaceutical interventions

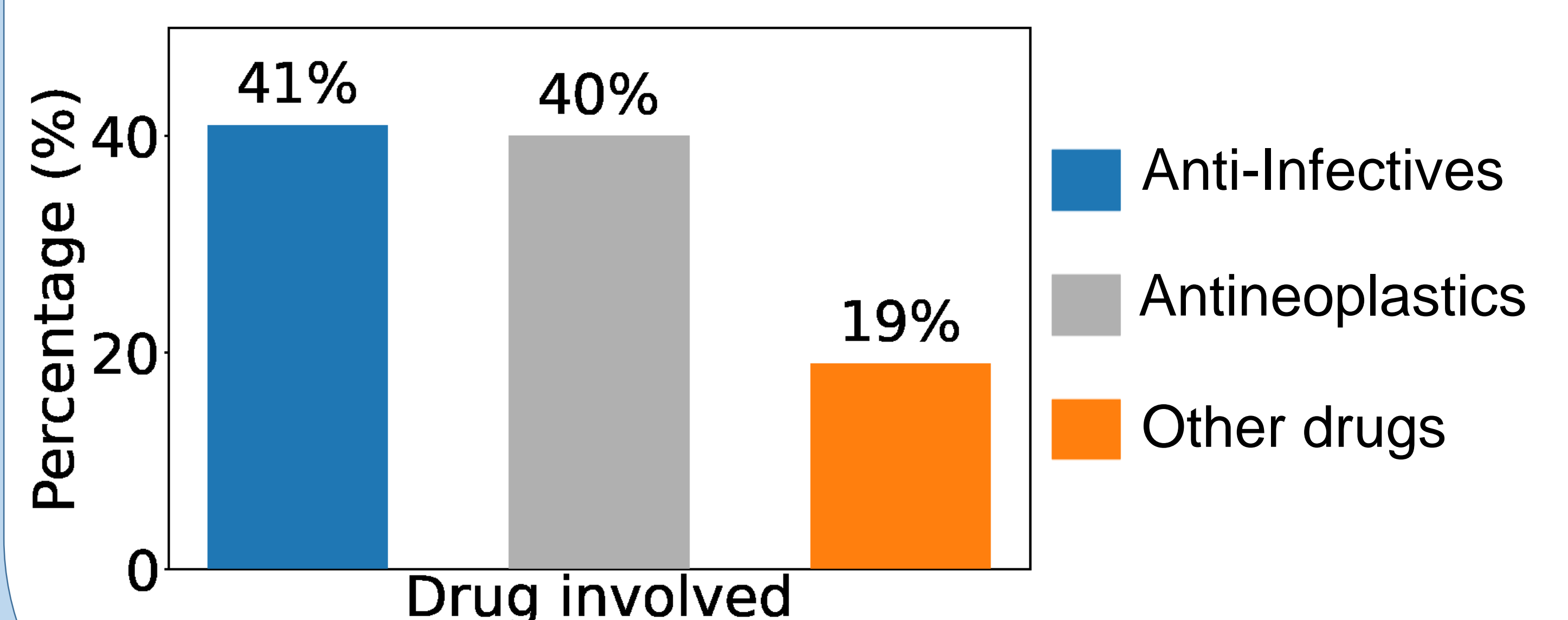


Figure 2. Types of drug-related problems identified in oncology patients

5. Conclusion and relevance

→ Integrating clinical pharmacy services in oncology is feasible and effective, even in resource-limited settings.

→ This pilot improved prescribing safety and interprofessional collaboration, in line with *EAHP Statement 4.1*.

→ Formal clinical pharmacist positions and expansion to other departments is finally required

