

# Impact of a team of clinical pharmacists in a paediatric surgery unit: results after 6 months


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## Background

**Paediatric surgery unit (orthopedic and visceral surgeries):**

- ❖ Multiplicity of prescribers
- ❖ Parents' presence

➔ Management of patients' home medications = critical point 

To improve medication safety 



**Deployment of a clinical pharmacy team in the unit in April 2018**

## Purpose

**To assess the impact of the pharmaceutical team in the unit.**

## Materials and methods

The pharmaceutical team undertakes **3 main missions** :

1

**Medication reconciliation (MR) for patients with undergoing treatment:**  
 Patients identified thanks to the anaesthetist consultation or the electronic record.

- Before admission for planned patients
- After admission for non-planned patients.

2

**MR on transfer to rehabilitation center,** if need be.

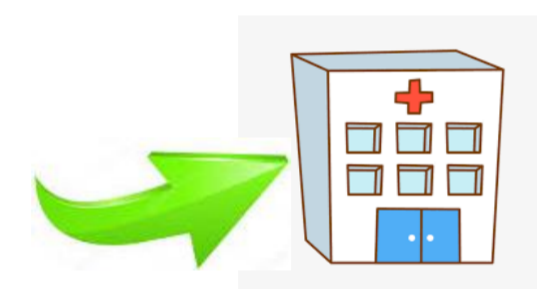
3

**Medication review** during hospitalization.

During 6 months, every Pharmaceutical Interventions (PI) has been registered

## Results

**During 6 months :**



**On admission**  
**321 patients** benefited from MR

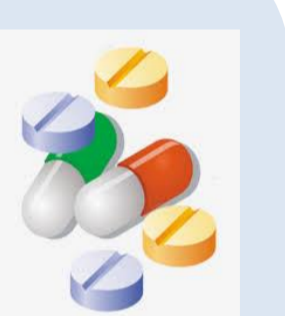


**On transfert**  
**60 patients** benefited from MR



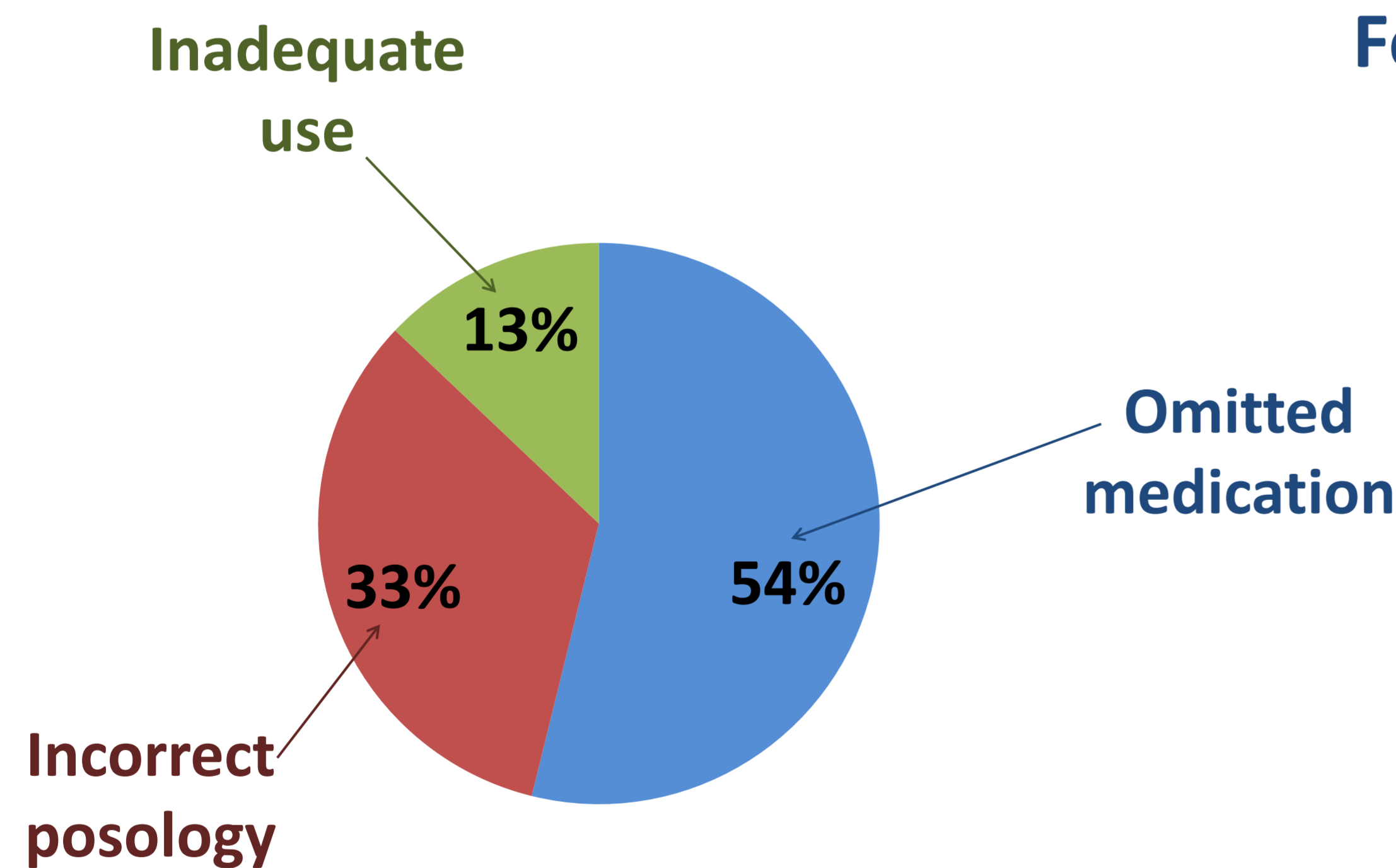
**All the prescriptions** were reviewed daily from Monday to Friday

**Patients with undergoing treatment before their admission :**  
 37% of planned patients  
 11% of non-planned patients

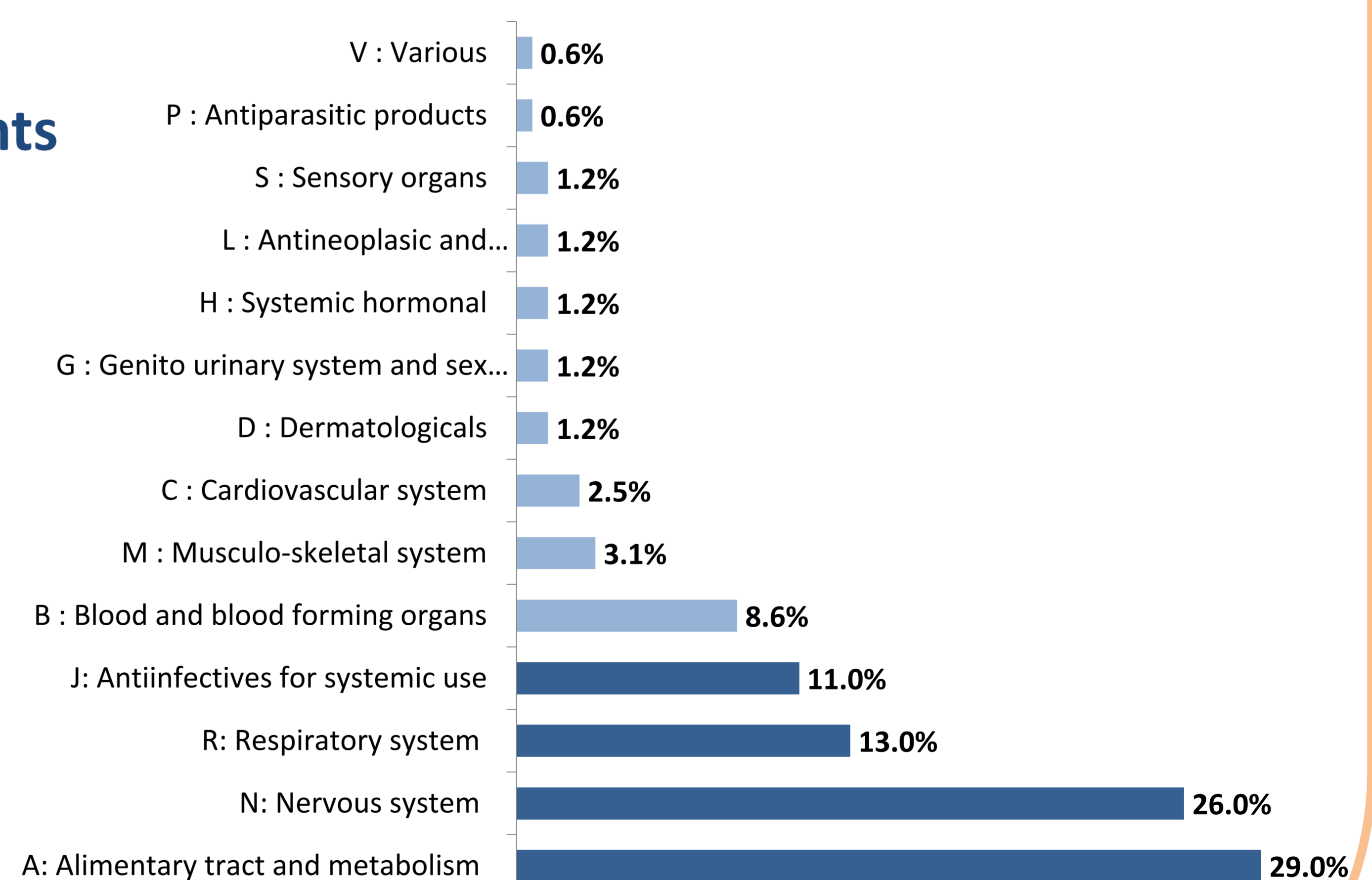


**Pharmaceutical Interventions :**

**163 realized**  
**For 20% of patients**



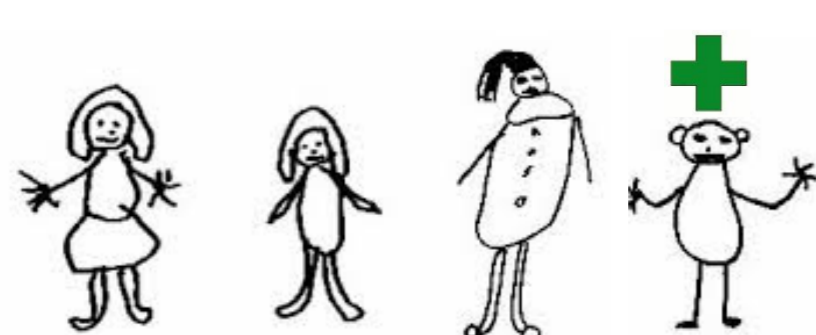
**Description of IPs according to the SFPC**  
 (French Society of Clinical Pharmacy)



**Distribution of IPs according to ATC classification**  
 (Anatomic, Therapeutic, Chemical)

## Conclusion

In this paediatric surgery unit :  
**1/4 of patients** has a current medication on admission



High number of IPs

**The work of pharmaceutical team**  
 =  
**Continuity in medication management**  
 +  
**Security of patients' healthcare**

