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

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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

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

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

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

Pharmaceutical Interventions:
163 realized
For 20% of patients

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

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

Materials and methods

Results

Conclusion

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

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

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