



MOST FREQUENT DRUG-RELATED EVENTS DETECTED BY PHARMACEUTICAL ANALYSIS OF COMPUTERIZED PHYSICIAN ORDER ENTRY AND PROPOSED SOLUTIONS

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BACKGROUND

Calciparine

2/wk

No monitoring i

<u>In curative ttt:</u>

determination

between the first

dosage <u>after each</u> change of dose

2/wk

No monitoring in <u>preventive ttt</u>

In curative ttt (in the case of renal

First determination 4 h after the 3RD inj.

Repeat dosage 2 days <u>after each change</u>

failure, under and overweight,

<u>hemorrhage)</u>

of dose

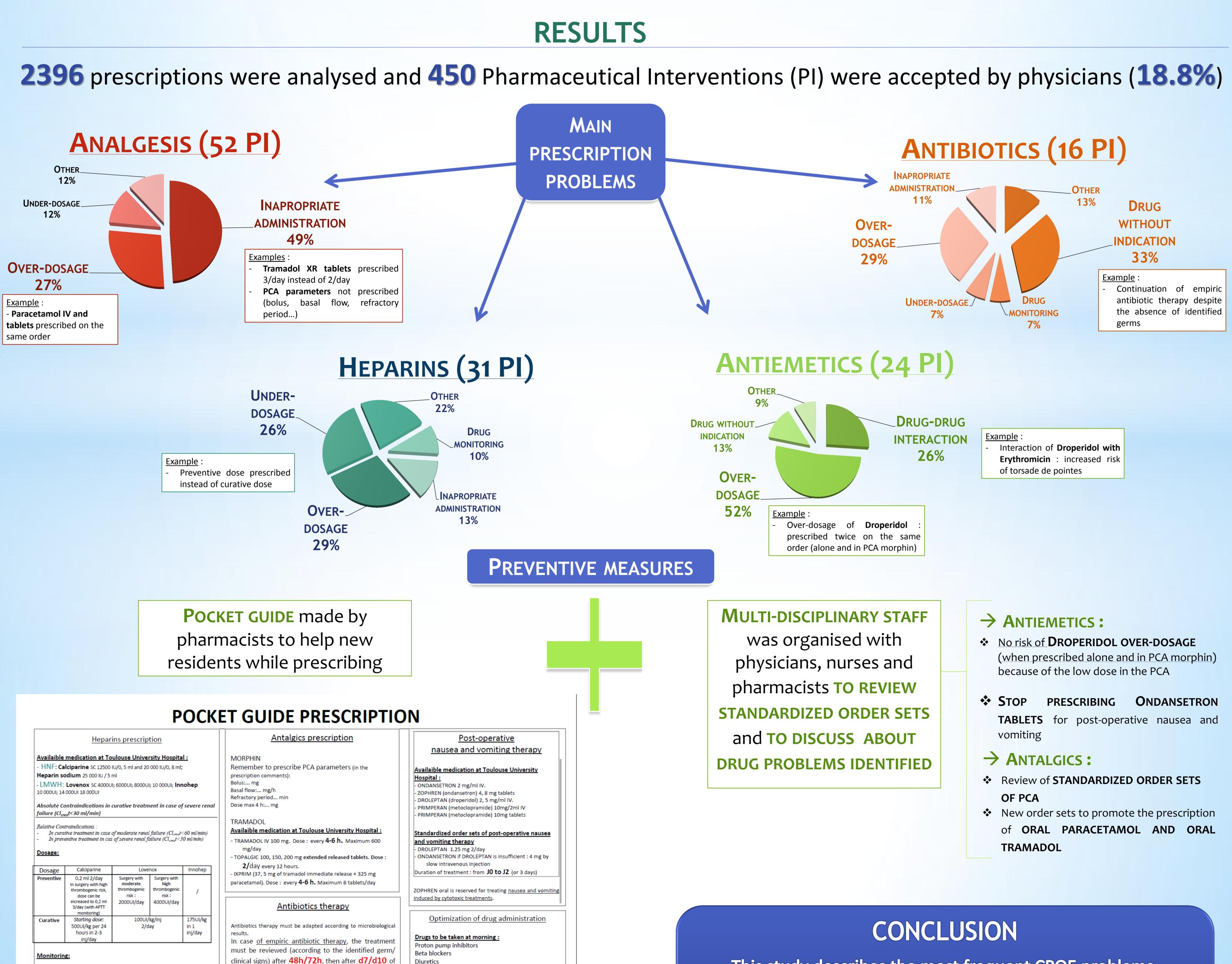
Monitoring

Platelets

factor Xa

In 2012, Toulouse University hospital implemented a Computerized Physician Order Entry (CPOE) in two digestive surgery departments (41 inpatient beds). Clinical pharmacists on the wards contribute to secure the medication process by reviewing prescriptions.

MATERIAL & METHODS **PURPOSE** From April to July 2012, Pharmaceutical Interventions (PI) concerning **L**- To highlight recurrent and avoidable drug-related prescription problems were recorded in the CPOE (according to the codification problems identified by pharmaceutical analysis of CPOE defined by the working group of the French Society of Clinical Pharmacy) 2- To raise physicians' awareness regarding these Following data from prescription problems Identification of the **PREVENTIVE** the CPOE were **MAIN PRESCRIPTION MEASURES** were extracted: submitted to PROBLEMS AND **DRUGS - TYPE OF** physicians **DRUGS INVOLVED** PROBLEMS - PI



This study describes the most frequent CPOE problems.

Communication and collaboration with physicians and nurses are the key to decrease avoidable adverse drug events and to secure CPOE.

Diuretics

Alfuzosin

Diosmectite

Antacids

Drugs to be taken at night:

Vitamin K antagonists (VKA)

Drugs to be taken at distance from other therapies: