

IMPACT OF SUPPLY PROBLEMS IN A HOSPITAL PHARMACY SERVICE

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Purpose:

Analyze supply issues (SI) and their impact on the management of drugs in the Pharmacy Service of a Third Level Hospital.

Material and methods :

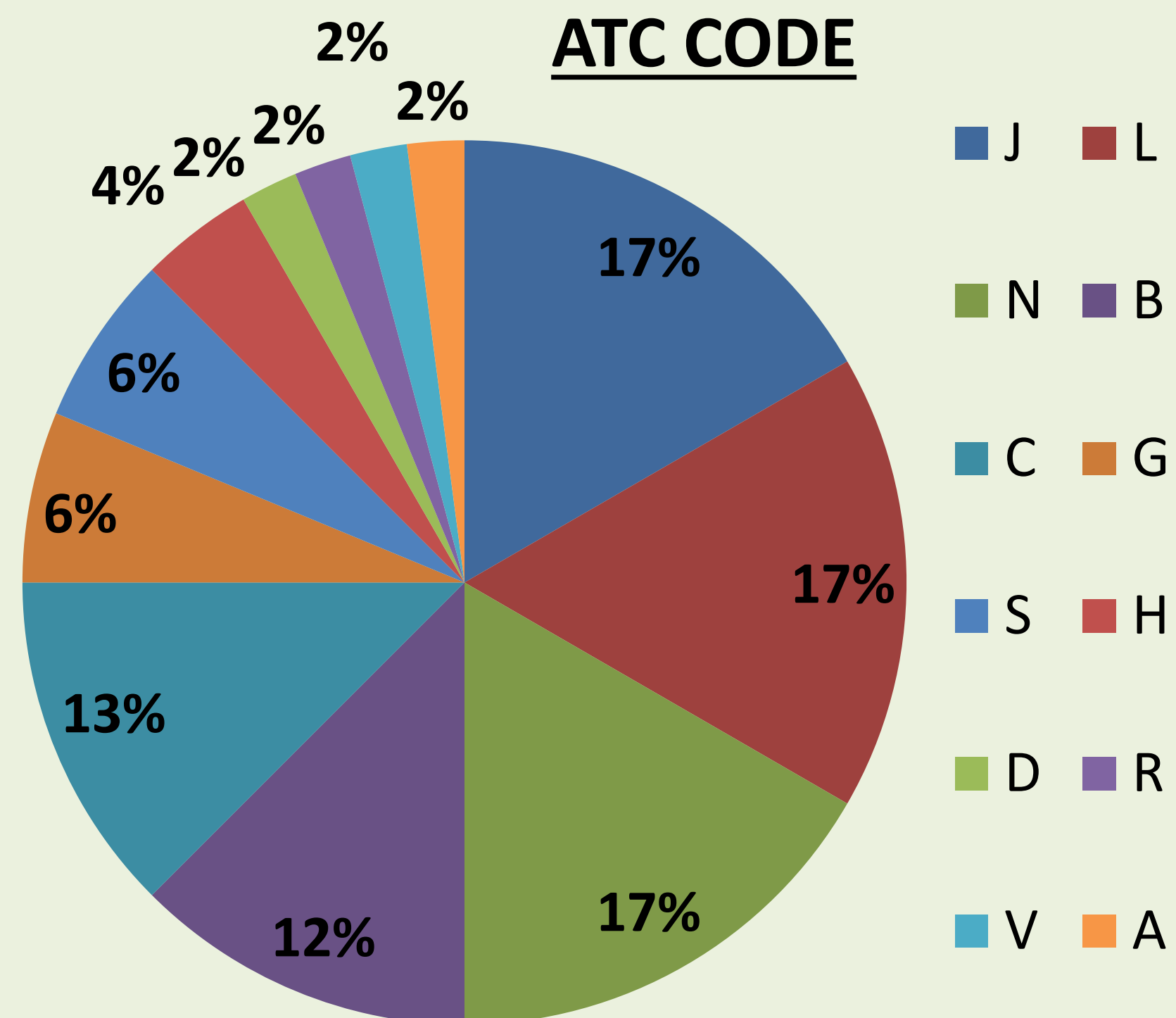
- Prospective study
- Evaluate the SI started between June and August of 2018
- Variables collected

- Start and end dates
- ATC code
- Essential drug by the WHO
- Shortage
- Affected providers
- Available alternative
- Economic analysis

Results:

- 49 SI affecting 48 drugs
- 25 SI remain active at the end of the period of study
- Duration average → 37 days (2-104)
- 53% of the affect drugs are considered essential by the WHO
- In 23% → stock shortage
- Half of the cases → global shortage of the molecule and in 71% there is an alternative that allows the change of drug.
- The total additional cost of supply problems was 38.511€.

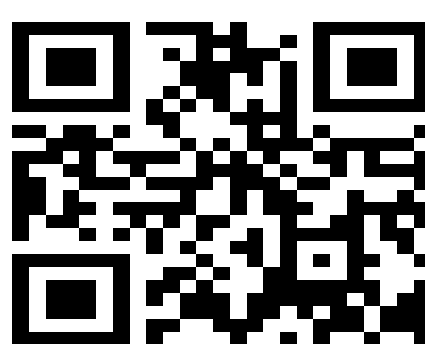
ATC CODE



Conclusions:

- SI make difficult the management of medicines
- Consume a significant amount of resources
- Shortages usually increase treatment costs.
- Most of supply problems are essential drugs, these problems can compromise the quality of health care and patient safety.

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