HAS AN ANTIMICROBIAL STEWARDSHIP PROGRAMME HAD AN IMPACT ON THE ANTIBIOTIC CONSUMPTION?

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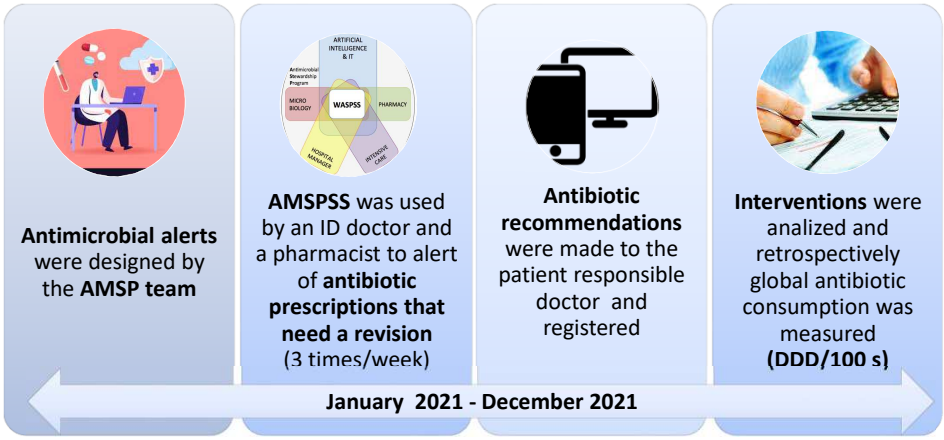
Background and Importance

The increasing use of antimicrobials and the global surge of antimicrobial resistance is a major public health concern. Antimicrobial Stewardship Programmes (AMSP) are an important security strategy in hospitals because their implementation promotes an optimal use of antimicrobials, improving patient outcomes while decreasing the risk of adverse events as well as antimicrobial resistance.

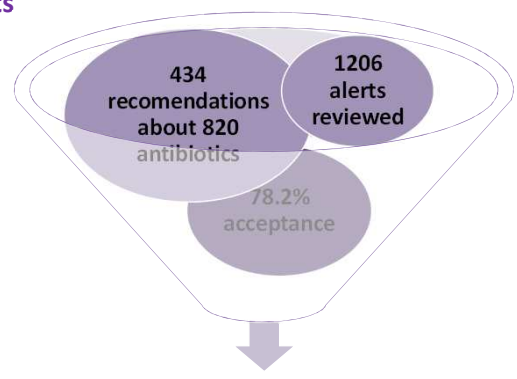
Aim and Objectives

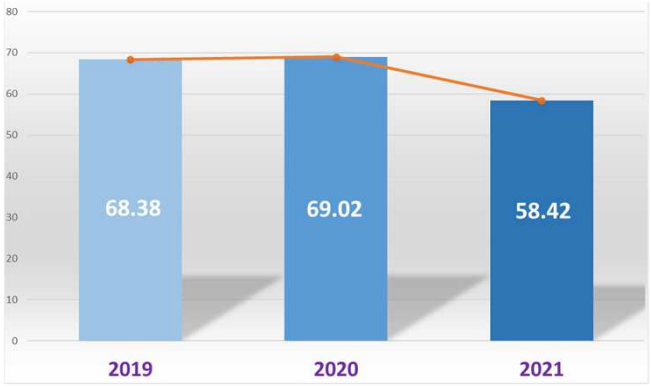
To evaluate if an AMSP had an impact in the overall consumption of antibiotics, measured as number of defined daily doses per 100 stays (DDD /100 s), in an acute care hospital during the first year of implementation.

Material and Methods



Results





A reduction of 10.6 DDD/100 s in 2021 vs 2020

Conclusion and Relevance

After the implantation of the AMSP, **there was a decrease in the antibiotic use in 2021**.
Although other factors may have also contributed to this reduction we confirm that a daily **AMSP is a useful tool to optimize antimicrobial consumption.**
It is necessary to continue with the implementation of the AMSP to guarantee the proper use of antimicrobials.

References and/or Acknowledgments. None.

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