ANTIMICROBIAL STEWARDSHIP PROGRAM IN ONCOLOGY PATIENTS THROUGH A MULTIDISCIPLINARY TEAM 4CPS-140
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**Background and importance**

Antibiotic Stewardship Programs (ASPs) aim to improve clinical outcomes in patients with infections and reduce adverse effects related to the use of these drugs, including the emergence of bacterial resistance. In oncology patients, the development of infections is one of the most important causes of morbidity and mortality, which is why the consumption of antimicrobials is notable in this group of patients. For this reason, it is essential to optimise antimicrobial treatment both in therapeutic target and duration.

**Aim and objectives**

- To describe the actions carried out by the ASP in the oncology unit
- Analyse the degree of acceptance of these interventions

**Material and methods**

- Prospective, single-centre study.
- From April to July 2021.
- Weekly review of all antimicrobial prescriptions from oncology patients.
- Evaluation of the adequacy of the prescription to the hospital’s antimicrobial guide.
- Multidisciplinary meeting of experts from oncology, infectious diseases, and pharmacy.

**Results**

67 patients (51% female) mean age 62±11 years
101 antimicrobials corresponding to 85 prescriptions were reviewed

**Conclusion and relevance**

The recommendations made by the ASPs team were almost entirely accepted by the responsible clinician. Advice from a multidisciplinary team of experts in the field benefits these patients in optimising their antimicrobial therapy.