

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



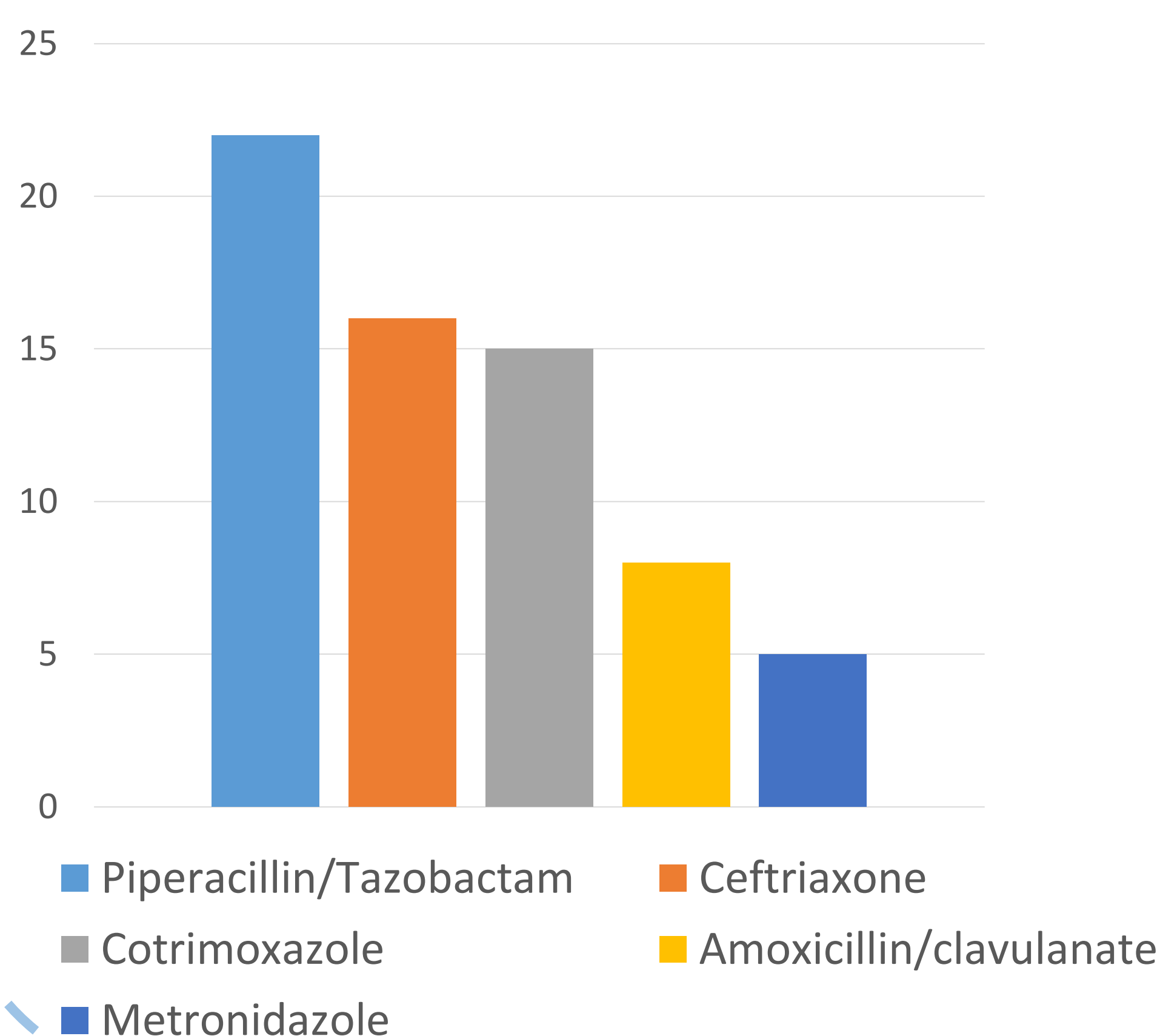
Material and methods

- 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.

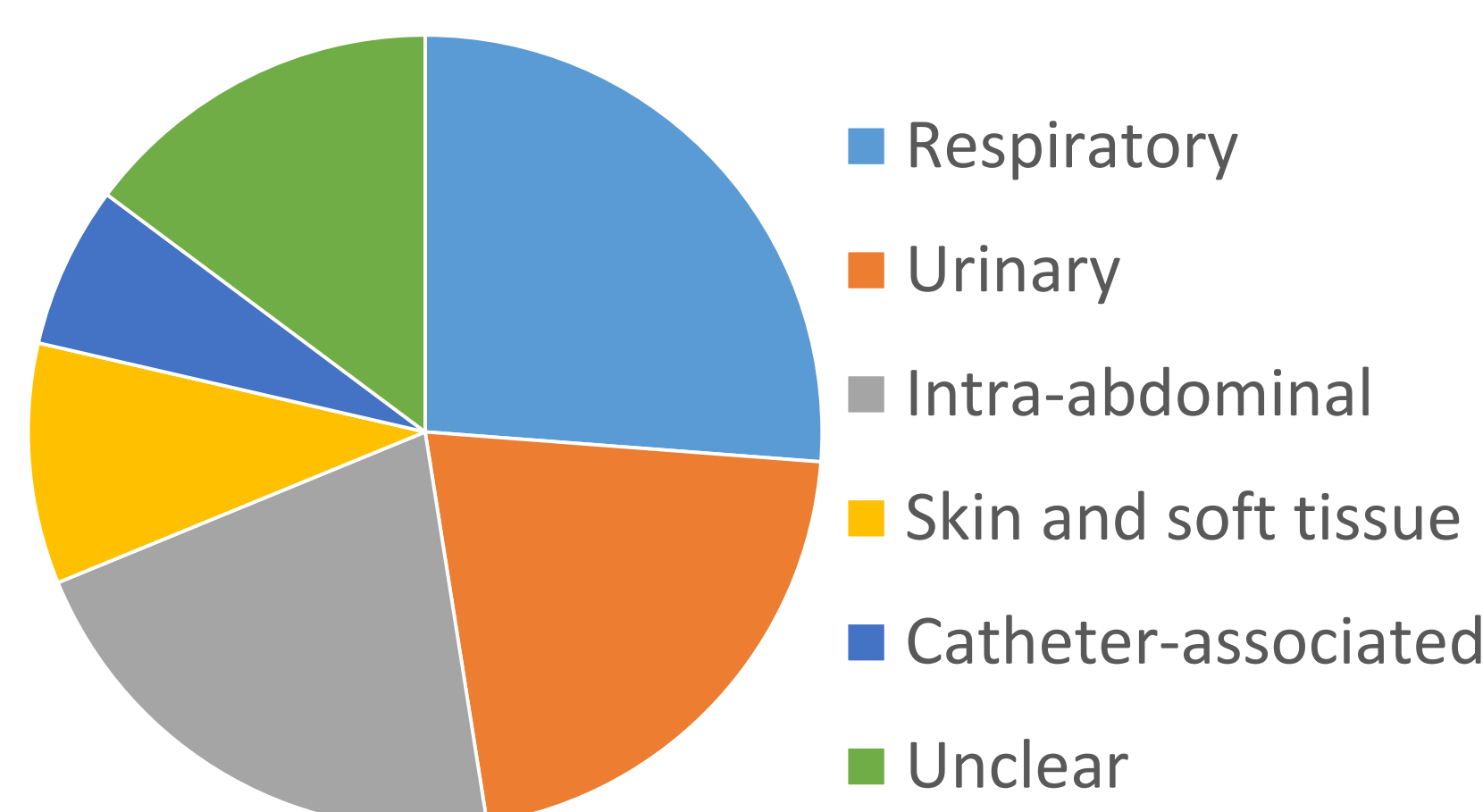
Results

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

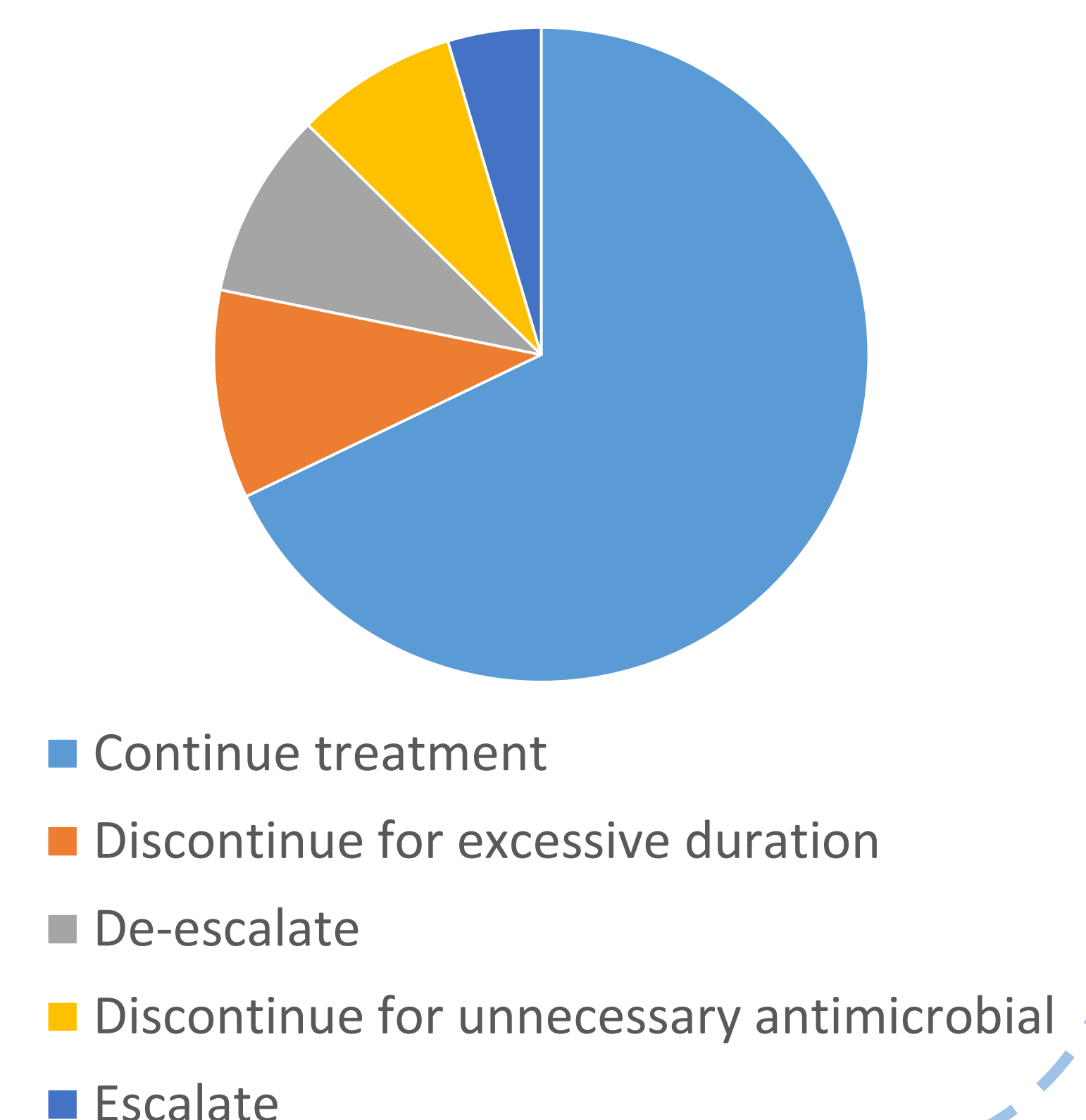
Antibiotics



Source of infection



Recommendations



Acceptance rate **98.8%**

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.