

ANALYSIS OF PHARMACEUTICAL INTERVENTIONS ON ANTIMICROBIAL PRESCRIPTIONS IN THE POST-OPERATIVE RESUSCITATION UNIT

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J01-ANTIBACTERIALS FOR SYSTEMIC USE

Background and importance

- **Multidrug-resistant microorganisms** represent one of the greatest challenges in medicine today.
- The **Antibiotic Stewardship Program (ASP)** reviews antimicrobial prescribing → makes **recommendations** to prescribers
 To achieve **rational use of antibiotics** and reduce the risk of resistance development

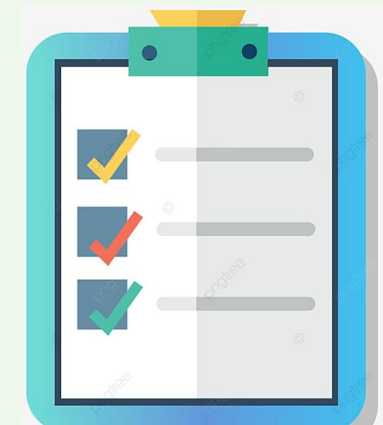
Aim and objectives

- To analyse the interventions by the ASP in patients of a postoperative resuscitation unit (PRU).
- To evaluate the degree of acceptance of them.

Material and methods



Observational, retrospective study.
January 2022 – July 2023



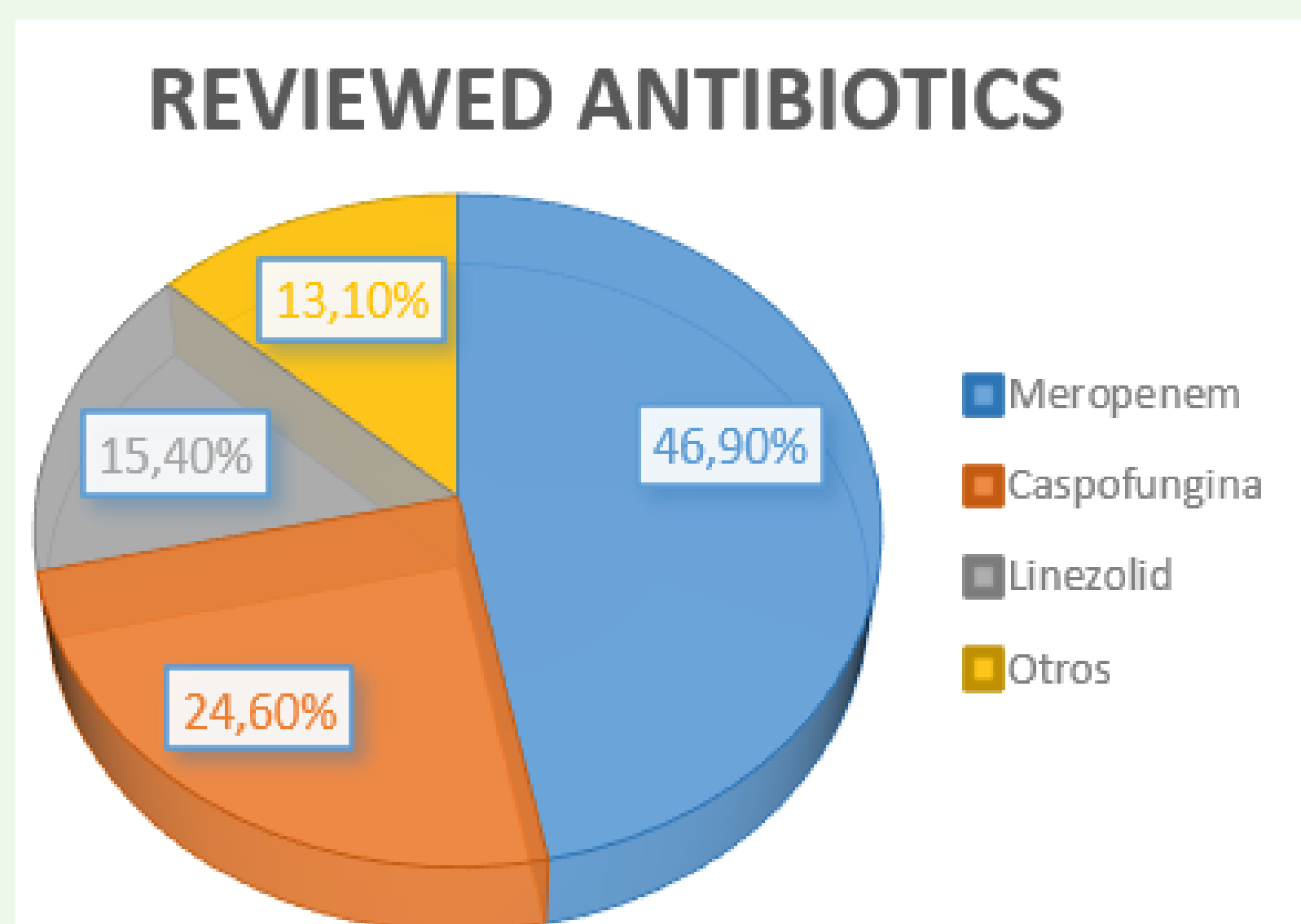
Daily multidisciplinary meetings

Data collected

Patient demographics	Type of infection
Treatment (empirical, prophylactic, targeted)	Restricted antibiotics prescribed
Recommendations made	Appropriateness
	Rate of acceptance

Results

N = 62, 53.2% male 130 antibiotics reviewed

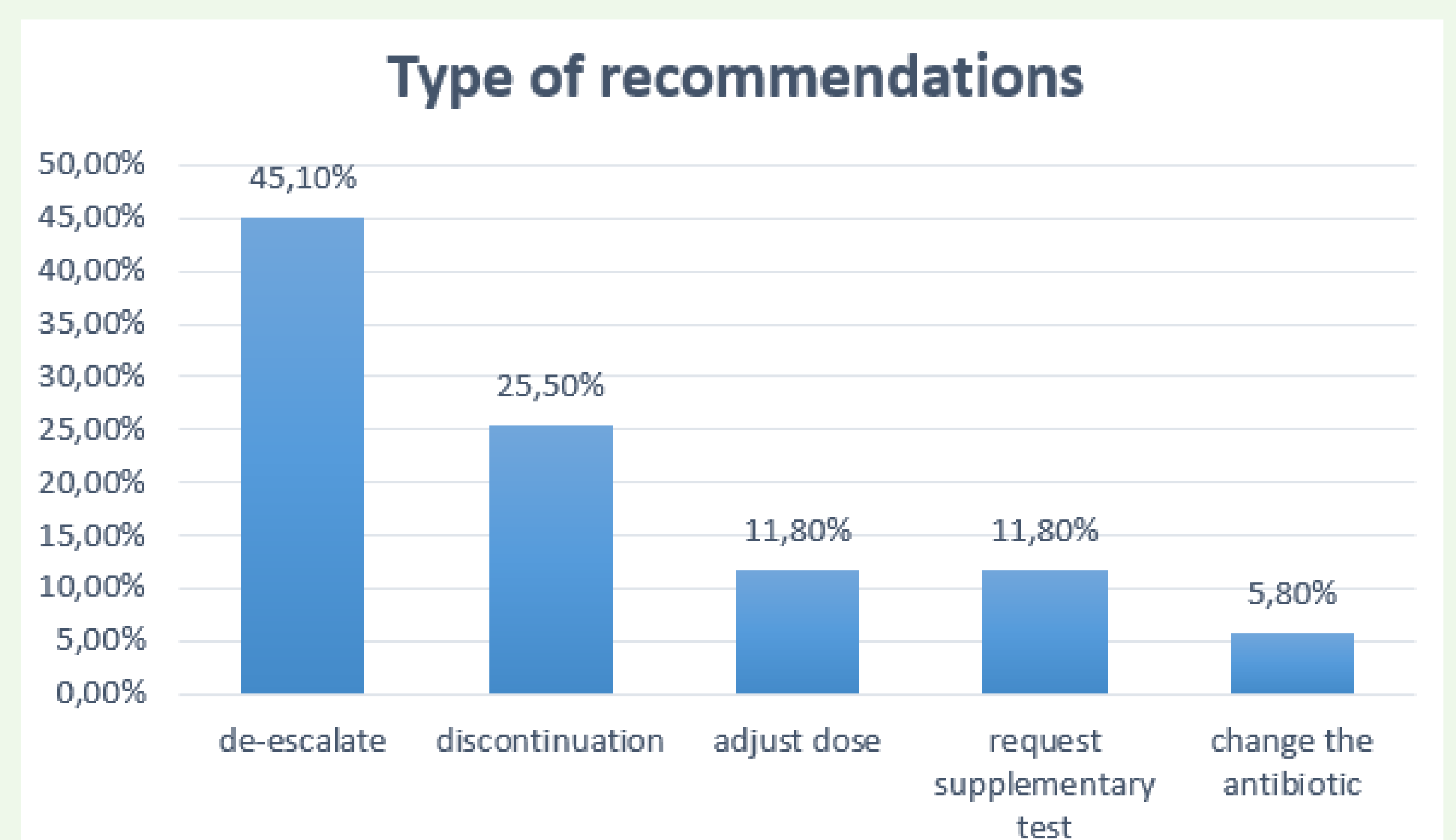
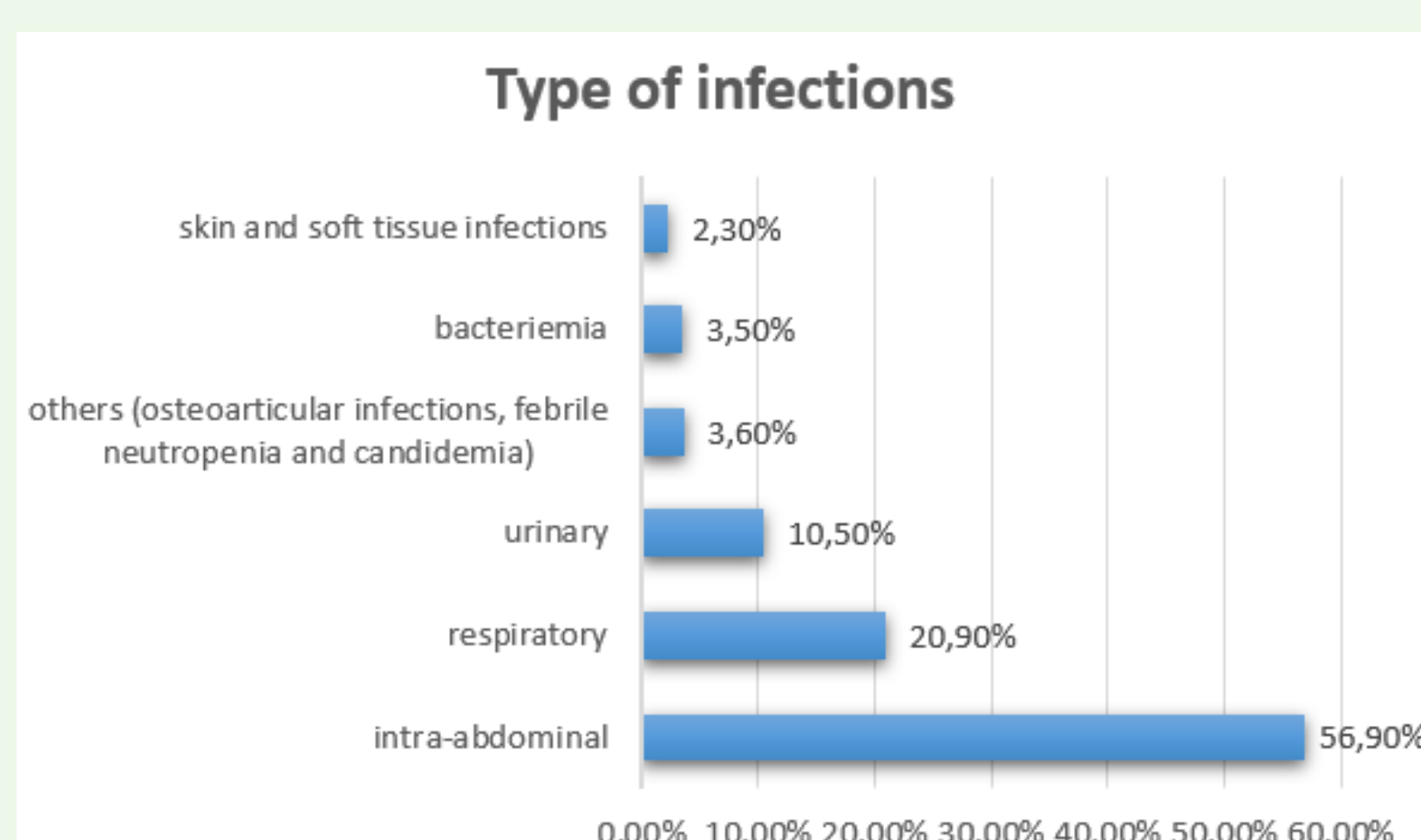


75,6% empirical
22,1% targeted
2,3% prophylactic

48,8% prescriptions were considered inappropriate.

51 interventions

86,7% accepted



Conclusion and relevance

- Our study highlights the critical need to take measures to promote the proper use of antibiotics to prevent the spread of antibiotic resistance.
- The high percentage of accepted interventions indicates a significant level of confidence in the ASP in our hospital.

