

5PSQ-043. IMPLEMENTATION OF A PREPARATION PROTOCOL FOR CHEMOTHERAPY ADMIXTURES OF HIGH ECONOMIC IMPACT

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BACKGROUND AND IMPORTANCE

The administration of intravenous admixtures (IVMs) in haemato-oncology day hospital is determined by the patient's health status, this being the cause for the non-administration of IVMs, causing medication and economic losses due to their low stability.

OBJECTIVE

To implement a protocol for the preparation IVMs of antineoplastic drugs with high economic impact, low physical-chemical stability and/or high frequency of adverse effects. To analyze the results obtained and to propose lines of improvement.

MATERIALS AND METHODS

The protocol consists in the review of the analytical data available early in the morning by the pharmacist and the physical condition of the patient by the nursing staff previously to preparation.

All data IVMs of the drugs included in this protocol and their cost were collected as well as the total number of IVMs prepared over a period of three months. We calculated the percentage of overall unprepared IVMs and per drug, including the amount of the IVMs unprepared and the savings that they represented with respect to the total of IVMs controlled.

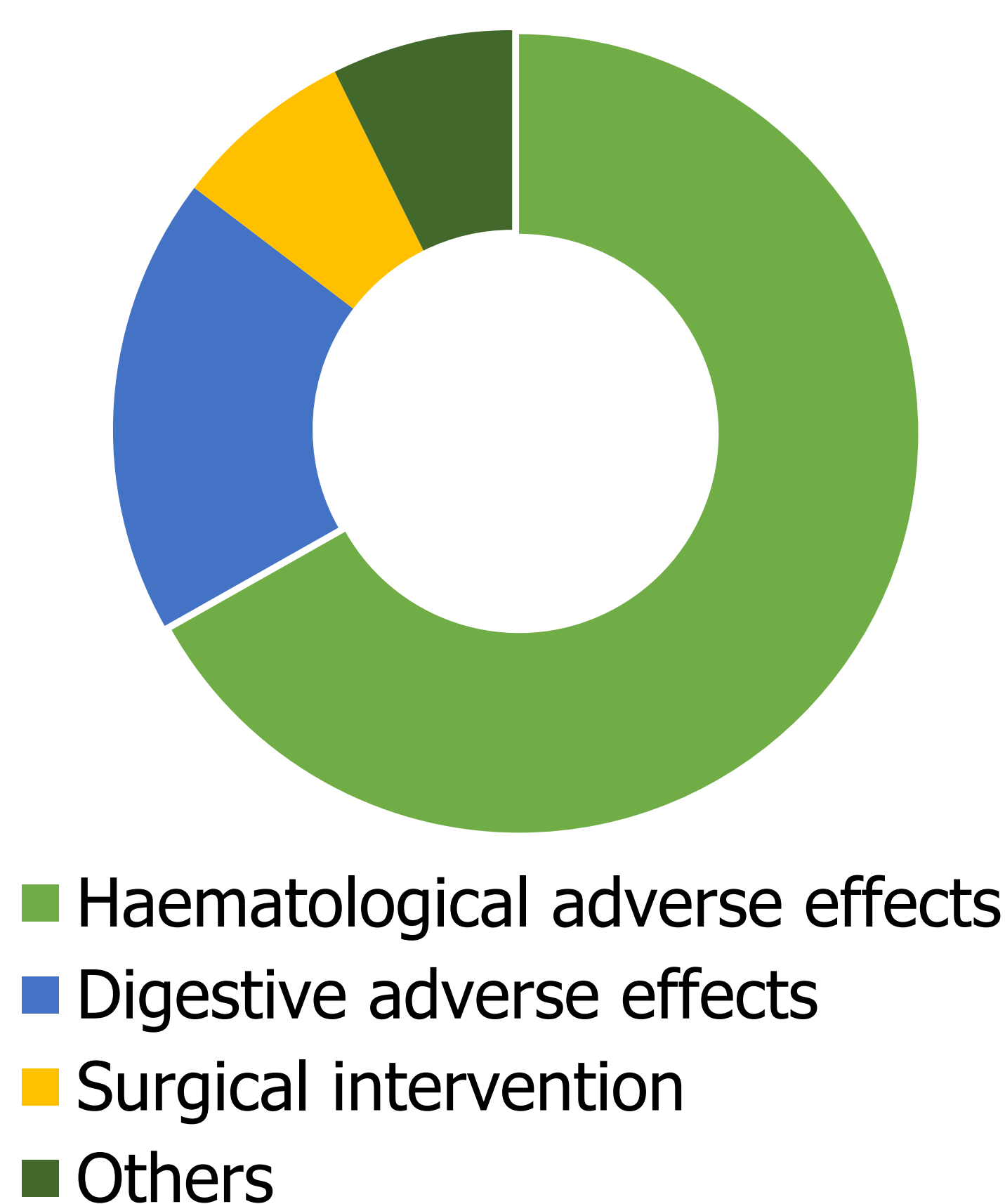
RESULTS

5426 IVMs of antineoplastic were programmed

399 IVMs were included in the protocol.

58(14.5%) IVMs were not prepared

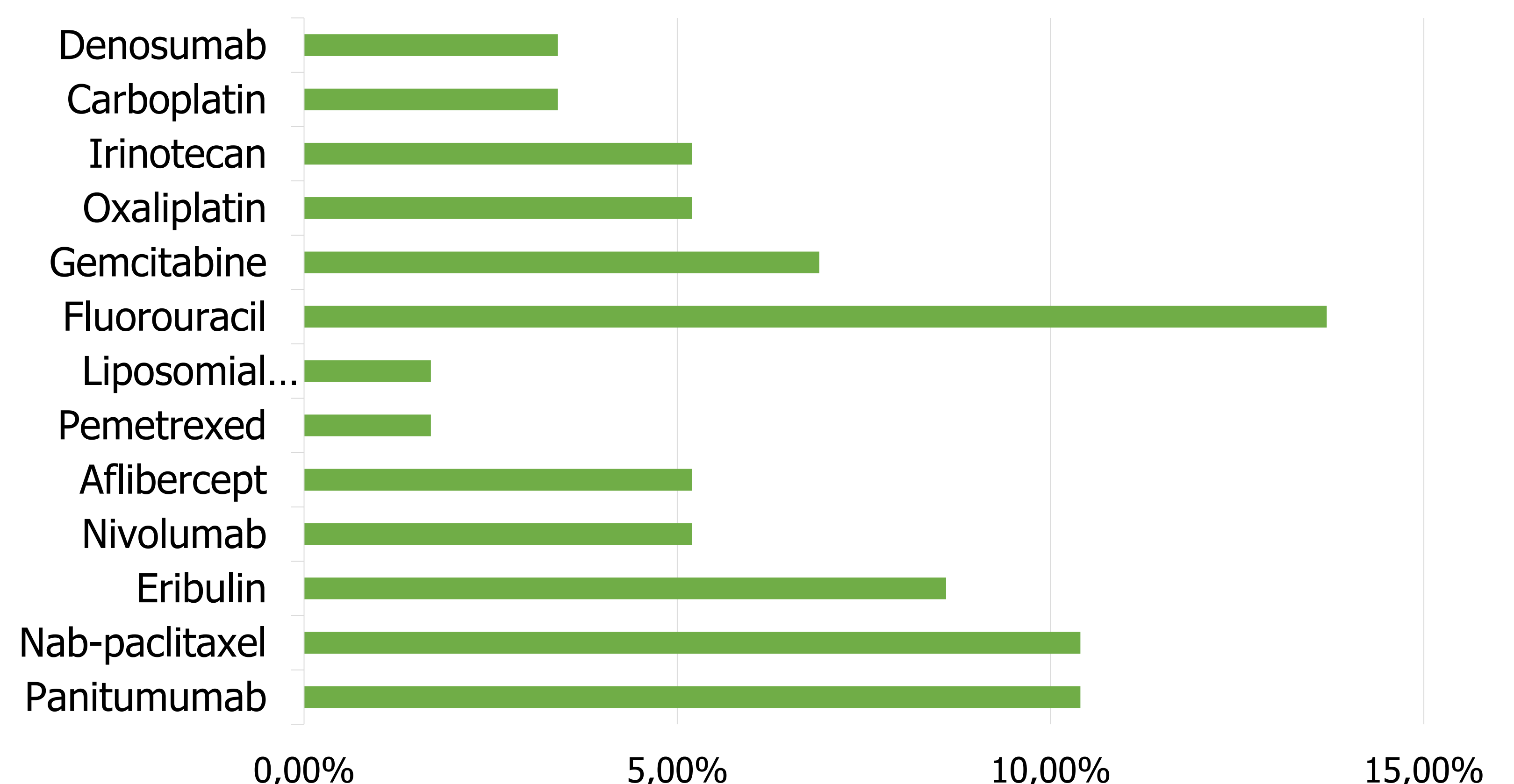
Reasons for non-preparation



The economic savings in unprepared mixtures was **€24,703.24**

17 drugs was included in the protocol

DRUGS NOT PREPARED



CONCLUSIONS

The protocol has been an important tool for cost savings in the preparation of antineoplastic IVMs. Of the drugs involved, only a limited number had reasons not to prepare, so that the protocol could be updated with a smaller number of drugs while maintaining its objectives.

